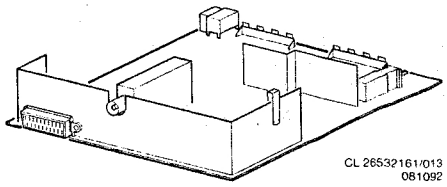
Colour television

Chassis

Anubis A

AC

Service
Service
Service



CL 26532161/013
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ServiceManual

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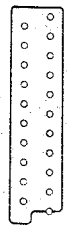
GB 4822 727 19656

2.1 ANUBIS A — Technical specification and connection facilities

Mains voltage	: 220-240 V ± 10 %
	: 50 Hz ± 5 %
Aerial input impedance	: 75Ω - coax
Minimum aerial input VHF	: 30 µV
Minimum aerial input UHF	: 40 µV
Maximum aerial input	: 180 mV
Pull-in range colour sync	: ± 300 Hz
Pull-in range horizontal sync	: ± 600 Hz
Pull-in range vertical sync	: ± 5 Hz
Picture tube range	: 14", 15", 17" and 21"

Euroconnector:



1 - Audio ⊖→ R (0,5V RMS ≤ 1kΩ)
2 - Audio ⊖← R (0,2 - 2V RMS ≥ 10kΩ)
3 - Audio ⊖→ L (0,5V RMS ≤ 1kΩ)
4 - Audio ⊥
5 - Blue ⊥
6 - Audio ⊖← L (0,2 - 2V RMS ≥ 10kΩ)
7 - Blue (0,7V_{pp}/75Ω)
8 - CVBS-status 1 ⊖← (0-2V int.)(10-12V ext.)
9 - Green ⊥
10 - -
11 - Green (0,7V_{pp}/75Ω)
12 - -
13 - Red ⊥
14 - -
15 - Red (0,7V_{pp}/75Ω)
16 - RGB-status (0-0,4V int.)(1-3V ext. 75Ω)
17 - CVBS ⊥
18 - CVBS ⊥
19 - CVBS ⊖→ (1V_{pp}/75Ω)
20 - CVBS ⊖← (1V_{pp}/75Ω)
21 - Earthscreen

CINCH:

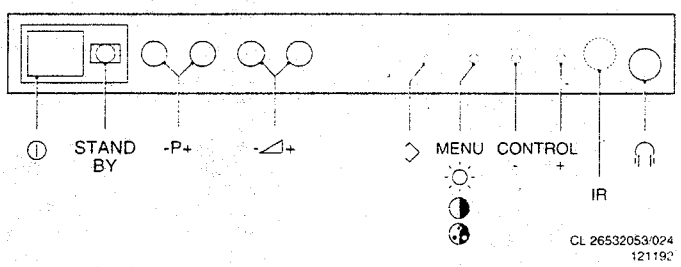
◎ CINCH Audio ⊖← (0,2V_{eff} - 2 V_{eff} ≥ 10kΩ)

◎ CINCH CVBS ⊖→ (1V_{pp}/75Ω)

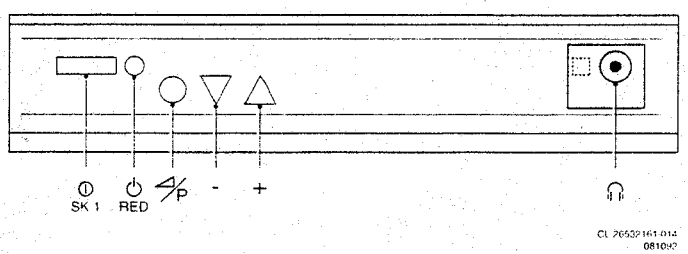
Head phone:

◎ 3.5mm / 🎧 8 - 600Ω/15mW

8 local controls version:



3 local controls version:



2507	5322 121 42919	10nF 10% 400V	
2509	4822 126 11141	2,2nF 10% 1KV	
2511	4822 122 31767	150pF 2% 63V	
2514	4822 122 31961	68pF 2% 63V	
2515	4822 122 31961	68pF 2% 63V	
2517	5322 121 42498	680nF 5% 63V	
2520	4822 122 32891	68nF 10% 63V	
2522	4822 122 31746	1000pF 2% 63V	
2523	4822 122 31746	1000pF 2% 63V	
2524 ⚠	4822 126 11382	1nF 10% 1KV	
2526 ⚠	4822 122 32442	10nF 50V	
2530 ⚠	4822 124 80096	47µF 200V	
2532	4822 122 31177	470pF 10% 500V	
2533	4822 122 31981	33nF 50V	
2534 ⚠	4822 126 11524	1,5nF 10% 1KV	
2540	4822 124 41677	680µF 20% 25V	
2545	4822 124 40769	4,7µF 20% 100V	
2547	4822 122 31746	1000pF 2% 63V	
2550	4822 121 42786	33 nF 2% 100V	
2553	4822 122 31727	470pF 2% 63V	
2554	4822 122 31174	2,7nF 10% 500V	
2555	4822 126 11544	22000pF 63V	
2556	4822 122 31784	4,7nF 10% 50V	
2557	4822 122 31784	4,7nF 10% 50V	
2560	4822 124 41677	680µF 20% 25V	
2561	5322 124 41431	22µF 20% 35V	
2562	4822 122 31727	470pF 2% 63V	
2563	4822 122 31727	470pF 2% 63V	
2573	4822 122 31772	47pF 2% 63V	
2602	4822 124 40435	10µF 20% 50V	
2606	4822 122 31974	820pF 10% 63V	
2610	4822 121 41673	220nF 10% 100V	
2611	4822 121 41673	220nF 10% 100V	
2615	4822 122 31765	100pF 2% 63V	
2623	4822 124 40242	1µF 20% 63V	
2624	4822 124 41596	22µF 20% 50V	
2625	4822 122 32765	820pF 2% 63V	
2629	4822 124 40435	10µF 20% 50V	
2629	4822 124 41576	2,2µF 20% 50V	
2630	4822 124 41576	2,2µF 20% 50V	
2651	4822 122 31974	820pF 10% 63V	
2658	4822 122 31974	820pF 10% 63V	
2660	5322 122 31647	1nF 10% 63V	
2666	4822 124 40433	47µF 20% 25V	
2666 ⚠	4822 124 41525	100µF 20% 25V	
2669	4822 122 31772	47pF 2% 63V	
2669	5322 122 31842	330pF 2% 63V	
2670	4822 122 31965	220pF 2% 63V	
2676	4822 122 31768	180pF 2% 63V	
2677	4822 122 31769	18pF 2% 63V	
2677	4822 122 31971	10pF 2% 63V	
2677	4822 122 32083	8,2pF 5% 50V	
2678	4822 122 31769	18pF 2% 63V	
2678	4822 122 31971	10pF 2% 63V	
2678	4822 122 32083	8,2pF 5% 50V	
2679	4822 122 31839	82pF 2% 63V	
2680	4822 122 31825	27pF 2% 63V	
2681	4822 122 31825	27pF 2% 63V	
2682	4822 122 31765	100pF 2% 63V	
2685 ⚠	4822 124 41525	100µF 20% 25V	
2686	4822 126 11544	22000pF 63V	
2690	4822 126 11544	22000pF 63V	
2695	4822 122 31974	820pF 10% 63V	
2696	4822 122 31974	820pF 10% 63V	
2697	4822 122 31974	820pF 10% 63V	
2698	4822 122 31974	820pF 10% 63V	
2849	4822 122 31727	470pF 2% 63V	
2850	4822 122 31965	220pF 2% 63V	
2852	4822 122 31965	220pF 2% 63V	
2860	4822 122 31784	4,7nF 10% 50V	
2875	5322 122 31647	1nF 10% 63V	
2876	4822 124 40435	10µF 20% 50V	

3001 ⚠	4822 052 10229	22Ω 5% 0,33W	
3002	4822 051 10272	2k7 2% 0,25W	
3004	4822 051 10008	0Ω 5% 0,25W	
3005	4822 051 10008	0Ω 5% 0,25W	
3005	4822 051 10102	1k 2% 0,25W	
3010	4822 051 10008	0Ω 5% 0,25W	
3010	4822 051 10569	56Ω 2% 0,25W	
3011	4822 051 10562	5k6 2% 0,25W	
3012	4822 051 10562	5k6 2% 0,25W	
3015 ⚠	4822 052 10109	10Ω 5% 0,33W	
3015 ⚠	4822 052 10159	15Ω 5% 0,33W	
3016	4822 116 52245	150k 5% 0,5W	
3017	4822 116 52256	2k2 5% 0,5W	
3018	4822 051 10103	10k 2% 0,25W	
3019	4822 051 10181	180Ω 2% 0,25W	
3019	4822 051 10562	5k6 2% 0,25W	
3021	4822 100 11823	47k 30% 0,1W	
3022	4822 051 10473	47k 2% 0,25W	
3023	4822 051 10224	220k 2% 0,25W	
3024	4822 051 10472	4k7 2% 0,25W	
3025	4822 051 10332	3k3 2% 0,25W	
3026	4822 051 10101	100Ω 2% 0,25W	
3027	4822 051 10221	220Ω 2% 0,25W	
3028	4822 051 10152	1k5 2% 0,25W	
3029	4822 051 10152	1k5 2% 0,25W	
3030	4822 051 10221	220Ω 2% 0,25W	
3031	4822 051 10331	330Ω 2% 0,25W	
3032	4822 051 10181	180Ω 2% 0,25W	
3033	4822 051 10182	1k8 2% 0,25W	
3034	4822 051 10103	10k 2% 0,25W	
3035	4822 051 10008	0Ω 5% 0,25W	
3036	4822 051 10008	0Ω 5% 0,25W	
3037	4822 051 10008	0Ω 5% 0,25W	
3038	4822 051 10393	39k 2% 0,25W	
3039	4822 051 10393	39k 2% 0,25W	
3043	4822 051 10103	10k 2% 0,25W	
3044	4822 116 52233	10k 5% 0,5W	
3049	4822 051 10683	68k 2% 0,25W	
3050	4822 051 10332	3k3 2% 0,25W	
3051	4822 051 10223	22k 2% 0,25W	
3054	4822 051 10102	1k 2% 0,25W	
3102	4822 051 10008	0Ω 5% 0,25W	
3103	4822 051 10008	0Ω 5% 0,25W	
3116	4822 051 10105	1M 5% 0,25W	
3117	4822 051 10152	1k5 2% 0,25W	
3118	4822 051 10682	6k8 2% 0,25W	
3119	4822 051 10681	680Ω 2% 0,25W	
3120	4822 051 10105	1M 5% 0,25W	
3124 ⚠	4822 052 10229	22Ω 5% 0,33W	
3127	4822 051 10152	1k5 2% 0,25W	
3135	4822 051 10621	620Ω 2% 0,25W	
3136	4822 053 11181	180Ω 5% 2W	
3137	4822 051 10008	0Ω 5% 0,25W	
3138	4822 051 20222	2k2 5% 0,1W	
3139	4822 051 10008	0Ω 5% 0,25W	
3140	4822 051 10008	0Ω 5% 0,25W	
3141	4822 051 10332	3k3 2% 0,25W	
3142	4822 051 10008	0Ω 5% 0,25W	
3143	4822 051 10102	1k 2% 0,25W	
3148	4822 051 10273	27k 2% 0,25W	
3149	4822 051 10273	27k 2% 0,25W	
3150	4822 051 10104	100k 2% 0,25W	
3151	4822 051 10008	0Ω 5% 0,25W	
3152	4822 051 10273	27k 2% 0,25W	
3153	4822 051 10123	12k 2% 0,25W	

3154	4822 051 10272	2k7 2% 0,25W	
3155	4822 051 10103	10k 2% 0,25W	
3156	4822 051 10008	0Ω 5% 0,25W	
3157 ⚠	4822 050 21003	10k 1% 0,6W	
3158	4822 051 10122	1k2 2% 0,25W	
3159 ⚠	4822 052 11208	2Ω 5% 0,5W	
3160	4822 051 10689	68Ω 2% 0,25W	
3161	4822 051 10689	68Ω 2% 0,25W	
3162	4822 051 10104	100k 2% 0,25W	
3163 ⚠	4822 052 11208	2Ω 5% 0,5W	
3169	4822 051 10621	620Ω 2% 0,25W	
3170	4822 051 10473	47k 2% 0,25W	
3171 ⚠	4822 116 52283	4k7 5% 0,5W	
3172	4822 051 10472	4k7 2% 0,25W	
3173	4822 051 10621	620Ω 2% 0,25W	
3175	4822 051 10102	1k 2% 0,25W	
3251	4822 051 10162	1k6 2% 0,25W	
3252	4822 051 10911	910Ω 2% 0,25W	
3253	4822 051 10751	750Ω 2% 0,25W	
3261	4822 051 10008	0Ω 5% 0,25W	
3269	4822 051 10008	0Ω 5% 0,25W	
3289	4822 051 10221	220Ω 2% 0,25W	
3290	4822 051 10104	100k 2% 0,25W	
3291	4822 116 52296	6k8 5% 0,5W	
3293	4822 051 10008	0Ω 5% 0,25W	
3296 ⚠	4822 052 10109	10Ω 5% 0,33W	
3297	4822 051 10101	100Ω 2% 0,25W	
3298	4822 051 10101	100Ω 2% 0,25W	
3299	4822 051 10101	100Ω 2% 0,25W	
3303	4822 051 10331	330Ω 2% 0,25W	
3304	4822 051 10331	330Ω 2% 0,25W	
3305	4822 051 51201	120Ω 1% 0,125W	
3306	4822 051 10332	3k3 2% 0,25W	
3307	4822 051 10103	10k 2% 0,25W	
3308	4822 116 52233	10k 5% 0,5W	
3309	4822 051 10105	1M 5% 0,25W	
3310	4822 051 10561	560Ω 2% 0,25W	
3311	4822 051 10102	1k 2% 0,25W	
3312	4822 051 10008	0Ω 5% 0,25W	
3313	4822 051 10473	47k 2% 0,25W	
3314	4822 051 10682	6k8 2% 0,25W	
3315	4822 051 10473	47k 2% 0,25W	
3316	4822 051 10473	47k 2% 0,25W	
3317	4822 051 10472	4k7 2% 0,25W	
3318	4822 051 10472	4k7 2% 0,25W	
3319	4822 051 10681	680Ω 2% 0,25W	
3320	4822 100 11824	470Ω 30% 0,1W	
3321	4822 116 52256	2k2 5% 0,5W	
3322	4822 051 10008	0Ω 5% 0,25W	
3350	4822 051 10823	82k 2% 0,25W	
3351	4822 116 52249	1k8 5% 0,5W	
3353	4822 051 10473	47k 2% 0,25W	
3353	4822 051 56203	62k 1% 0,125W	
3354	4822 100 11822	22k 30% 0,1W	
3354	4822 100 11844	100k 30%	
3355	4822 116 52267	30k 5% 0,5W	
3356	4822 100 11821	6k8 30% 0,1W	
3357	4822 051 20222	2k2 5% 0,1W	
3358	4822 051 10104	100k 2% 0,25W	
3358	4822 051 10433	43k 2% 0,25W	
3359	4822 051 10272	2k7 2% 0,25W	
3360	4822 051 10008	0Ω 5% 0,25W	
3362	4822 051 10101	100Ω 2% 0,25W	
3363	4822 051 10008	0Ω 5% 0,25W	
3364	4822 051 10394	390k 2% 0,25W	
3370 ⚠	4822 052 11471	470Ω 5% 0,5W	
3401	4822 116 52259	2k4 5% 0,5W	
3402 ⚠	4822 050 23901	390Ω 1% 0,6W	
3402	4822 116 52222	390Ω 5% 0,5W	
3403 ⚠	4822 116 52266	3k 5% 0,5W	

Spare parts lists / Stückliste / Liste des pièces

3403 ⚠	4822 116 52269	3k3 5% 0.5W
3403	4822 116 52276	3k9 5% 0.5W
3404	4822 051 10202	2k 2% 0.25W
3404 ⚠	4822 051 10242	2k4 2% 0.25W
3404	4822 051 10432	4k3 2% 0.25W
3405	4822 051 10131	130Ω 2% 0.25W
3405	4822 051 10151	150Ω 2% 0.25W
3405	4822 051 10159	159Ω 2% 0.25W
3406	4822 051 10123	12k 2% 0.25W
3406	4822 051 10153	15k 2% 0.25W
3406	4822 051 20183	18k 5% 0.1W
3407	4822 051 10223	22k 2% 0.25W
3407	4822 051 20183	18k 5% 0.1W
3408 ⚠	4822 053 10681	680Ω 5% 1W
3408	4822 116 52259	2k4 5% 0.5W
3409	4822 051 10008	0Ω 5% 0.25W
3410	4822 100 11658	330Ω 30% 0.1W
3411	4822 050 24308	4Ω3 1% 0.6W
3411 ⚠	4822 052 11208	2Ω 5% 0.5W
3411	4822 116 83985	3Ω6 5% 0.33W
3412	4822 050 24308	4Ω3 1% 0.6W
3412 ⚠	4822 052 10278	2Ω7 5% 0.33W
3412	4822 116 83984	2Ω7 5% 0.33W
3413	4822 051 10273	27k 2% 0.25W
3414	4822 051 10008	0Ω 5% 0.25W
3415	4822 116 52253	2k 5% 0.5W
3416	4822 116 52253	2k 5% 0.5W
3417	4822 051 10008	0Ω 5% 0.25W
3418	4822 051 10008	0Ω 5% 0.25W
3419	4822 051 10008	0Ω 5% 0.25W
3419	4822 051 10101	100Ω 2% 0.25W
3440 ⚠	4822 116 52199	68Ω 5% 0.5W
3442	4822 051 10562	5k6 2% 0.25W
3443	4822 113 80583	4Ω7 10% 5W
3444	4822 053 11562	5k6 5% 2W
3444 ⚠	4822 117 10037	4k7 5% 3W
3445	4822 051 10479	47Ω 2% 0.25W
3448 ⚠	4822 052 10108	1Ω 5% 0.33W
3449 ⚠	4822 052 10108	1Ω 5% 0.33W
3451	4822 051 10333	33k 2% 0.25W
3452 ⚠	4822 052 10109	10Ω 5% 0.33W
3452 ⚠	4822 052 10159	15Ω 5% 0.33W
3452 ⚠	4822 052 10478	4Ω7 5% 0.33W
3454 ⚠	4822 052 11102	1k 5% 0.5W
3455	4822 051 10123	12k 2% 0.25W
3455	4822 051 20183	18k 5% 0.1W
3456	4822 053 20334	330k 5% 0.25W
3456	4822 053 20434	430k 5% 0.25W
3457	4822 113 80573	270Ω 10% 5W
3460	4822 051 10103	10k 2% 0.25W
3460	4822 051 10113	11k 2% 0.25W
3465	4822 051 10185	1M8 5% 0.25W
3470 ⚠	4822 052 10478	4Ω7 5% 0.33W
3470 ⚠	4822 052 10828	8Ω2 5% 0.33W
3501	4822 116 40137	PTC 36Ω 365V
3503 ⚠	4822 053 21475	4M7 5% 0.5W
3504 ⚠	4822 053 21475	4M7 5% 0.5W
3508	4822 051 10333	33k 2% 0.25W
3509	4822 116 52274	36k 5% 0.5W
3510	4822 051 10333	33k 2% 0.25W
3511	4822 051 10102	1k 2% 0.25W
3513	4822 051 10223	22k 2% 0.25W
3514	4822 116 52278	390k 5% 0.5W
3515	4822 051 10471	470Ω 2% 0.25W
3516	4822 051 10101	100Ω 2% 0.25W
3517	4822 116 52206	120Ω 5% 0.5W
3518	4822 051 10224	220k 2% 0.25W
3520	4822 051 10184	180k 2% 0.25W
3521	4822 053 11209	20Ω 5% 2W
3521	4822 053 11569	56Ω 5% 2W
3522	4822 053 11569	56Ω 5% 2W
3523	4822 050 24708	4Ω7 1% 0.6W
3525	4822 053 11209	20Ω 5% 2W
3530	4822 115 10114	150Ω 10%
3533	4822 050 14703	47k 1% 0.4W
3533	4822 050 14873	48k7 1% 0.4W
3534	4822 051 10302	3k 2% 0.25W
3534	4822 051 10332	3k3 2% 0.25W
3535	4822 100 11794	1k 10%
3544 ⚠	4822 052 10108	1Ω 5% 0.33W
3547	4822 050 11502	1k5 1% 0.4W
3549	4822 051 10479	47Ω 2% 0.25W
3550	4822 051 10122	1k2 2% 0.25W
3550	4822 051 10152	1k5 2% 0.25W
3551	4822 051 10151	150Ω 2% 0.25W
3552	4822 051 10101	100Ω 2% 0.25W
3553	4822 051 10221	220Ω 2% 0.25W
3554	4822 053 11689	68Ω 5% 2W
3555	4822 051 10101	100Ω 2% 0.25W
3556	4822 051 10681	680Ω 2% 0.25W
3557 ⚠	4822 053 11271	270Ω 5% 2W
3558	4822 051 10101	100Ω 2% 0.25W
3560	4822 051 10101	100Ω 2% 0.25W
3561 ⚠	4822 116 52219	330Ω 5% 0.5W
3562	4822 051 10271	270Ω 2% 0.25W
3563	4822 051 10008	0Ω 5% 0.25W
3564 ⚠	4822 052 10109	10Ω 5% 0.33W
3565	4822 051 10103	10k 2% 0.25W
3566	4822 051 10123	12k 2% 0.25W
3567	4822 051 20183	18k 5% 0.1W
3568	4822 053 11122	1k2 5% 2W
3569	4822 116 52175	100Ω 5% 0.5W
3570	4822 116 52257	22k 5% 0.5W
3571 ⚠	4822 050 24701	470Ω 1% 0.6W
3572 ⚠	4822 116 52202	82Ω 5% 0.5W
3573	4822 116 52284	47k 5% 0.5W
3574	4822 051 10104	100k 2% 0.25W
3591	4822 051 10008	0Ω 5% 0.25W
3593	4822 051 10008	0Ω 5% 0.25W
3601	4822 116 52233	10k 5% 0.5W
3602	4822 116 52303	8k2 5% 0.5W
3603	4822 050 12403	2.2M 0.125W
3604	4822 051 10151	150Ω 2% 0.25W
3604	4822 051 10339	33Ω 2% 0.25W
3605	4822 050 12204	220k 1% 0.4W
3606	4822 116 52233	10k 5% 0.5W
3607	4822 051 10332	3k3 2% 0.25W
3610	4822 051 10153	15k 2% 0.25W
3611	4822 051 10103	10k 2% 0.25W
3612	4822 051 10103	10k 2% 0.25W
3613	4822 051 10123	12k 2% 0.25W
3614	4822 051 10472	4k7 2% 0.25W
3614	4822 051 10473	47k 2% 0.25W
3615	4822 051 10824	820k 2% 0.25W
3616	4822 051 10008	0Ω 5% 0.25W
3616	4822 116 52284	47k 5% 0.5W
3617	4822 051 10008	0Ω 5% 0.25W
3617	4822 051 10562	5k6 2% 0.25W
3618	4822 051 20183	18k 5% 0.1W
3620	4822 051 10433	43k 2% 0.25W
3621	4822 051 10363	36k 2% 0.25W
3621	4822 051 10393	39k 2% 0.25W
3622	4822 116 52284	47k 5% 0.5W
3623	4822 116 52257	22k 5% 0.5W
3624	4822 051 10273	27k 2% 0.25W
3625	4822 051 10163	16k 2% 0.25W
3626	4822 116 52251	18k 5% 0.5W
3627	4822 051 10223	22k 2% 0.25W
3628	4822 051 10393	39k 2% 0.25W
3630	4822 051 10274	270k 2% 0.25W
33631	4822 116 52275	360k 5% 0.5W
3635	4822 051 10008	0Ω 5% 0.25W
3651	4822 051 10103	10k 2% 0.25W
3652	4822 116 52207	1k2 5% 0.5W
3653	4822 116 52207	1k2 5% 0.5W
654	4822 051 10102	1k 2% 0.25W
3655	4822 051 10102	1k 2% 0.25W
3656	4822 051 10103	10k 2% 0.25W
3657	4822 051 10683	68k 2% 0.25W
3658	4822 051 10272	2k7 2% 0.25W
3659	4822 051 10911	910Ω 2% 0.25W
3660	4822 116 52175	100Ω 5% 0.5W
3661	4822 050 11002	1k 1% 0.4W
3663	4822 051 10151	150Ω 2% 0.25W
3663	4822 051 10471	470Ω 2% 0.25W
3664	4822 116 52296	6k8 5% 0.5W
3664	4822 116 52306	9k1 5% 0.5W
3665	4822 050 11002	1k 1% 0.4W
3666	4822 051 10151	150Ω 2% 0.25W
3666	4822 051 10471	470Ω 2% 0.25W
3667	4822 116 52233	10k 5% 0.5W
3668	4822 051 10433	43k 2% 0.25W
3669	4822 051 10103	10k 2% 0.25W
3670	4822 116 52233	10k 5% 0.5W
3671	4822 051 10103	10k 2% 0.25W
3672	4822 051 10102	1k 2% 0.25W
3673	4822 051 10103	10k 2% 0.25W
3674	4822 050 11002	1k 1% 0.4W
3676	4822 116 52233	10k 5% 0.5W
3678	4822 051 10008	0Ω 5% 0.25W
3679	4822 051 20222	2k2 5% 0.1W
3680	4822 051 10008	0Ω 5% 0.25W
3682	4822 051 10008	0Ω 5% 0.25W
3683	4822 051 10008	0Ω 5% 0.25W
3684	4822 051 10332	3k3 2% 0.25W
3685	4822 051 10332	3k3 2% 0.25W
3686	4822 051 10102	1k 2% 0.25W
3687	4822 051 10102	1k 2% 0.25W
3688	4822 051 10225	2M2 5% 0.25W
3689	4822 051 10104	100k 2% 0.25W
3692	4822 050 11002	1k 1% 0.4W
3693	4822 116 52284	47k 5% 0.5W
3694	4822 051 10008	0Ω 5% 0.25W
3695	4822 051 10101	100Ω 2% 0.25W
3696	4822 051 10101	100Ω 2% 0.25W
3697	4822 051 10101	100Ω 2% 0.25W
3698	4822 116 52175	100Ω 5% 0.5W
3699	4822 051 10472	4k7 2% 0.25W
3850	4822 051 10123	12k 2% 0.25W
3851	4822 116 80747	75Ω 5% 0.125W
3852	4822 051 10123	12k 2% 0.25W
3853	4822 116 80747	75Ω 5% 0.125W
3854	4822 051 10008	0Ω 5% 0.25W
3855	4822 116 80747	75Ω 5% 0.125W
3856	4822 051 10008	0Ω 5% 0.25W
3857	4822 051 10008	0Ω 5% 0.25W
3858	4822 116 80747	75Ω 5% 0.125W
3859	4822 051 10008	0Ω 5% 0.25W
3860	4822 051 10471	470Ω 2% 0.25W
3862	4822 050 11002	1k 1% 0.4W
3865	4822 116 82719	56Ω 5% 0.125W
3866	4822 116 82718	18Ω 5% 0.125W
3871	4822 116 52215	220Ω 5% 0.5W
3875	4822 116 52196	51Ω 5% 0.5W
3876	4822 051 10332	3k3 2% 0.25W
3878	4822 116 52251	18k 5% 0.5W
3879	4822 051 10473	47k 2% 0.25W
3880	4822 051 10562	5k6 2% 0.25W
3881	4822 051 10103	10k 2% 0.25W
3882	4822 051 10752	7k5 2% 0.25W

3883	4822 051 10103	10k 2% 0,25W
3901	4822 051 10008	0Ω 5% 0,25W
3902	4822 051 10008	0Ω 5% 0,25W

5010	4822 157 62552	2.2µH
5012	4822 157 63068	0,28µH
5018	4822 526 10494	FERRITE BEAD
5030	4822 157 60123	6,8µH
5032	4822 157 62767	8.2µH
5040	4822 157 63064	0,19µH
5040	4822 157 63071	0.3µH
5043	4822 157 63069	0.7µH
5102	4822 157 63524	1,0µH
5104	4822 157 63525	0,35µH
5106	4822 157 63526	0.34µH
5138	4822 157 53635	10K 0,75µH 6%
5139	4822 157 53635	10K 0,75µH 6%
5177	4822 157 52333	100µH
5251	4822 320 40235	DELAY LINE
5255	4822 157 53302	1.0µH
5258 ⚠	4822 157 51462	10µH
5259	4822 157 52808	10µH
5284	4822 157 60141	3.3µH
5285	4822 157 60141	3.3µH
5286	4822 157 60141	3.3µH
5296 ⚠	4822 157 51462	10µH
5320	4822 157 52808	10µH
5440	4822 157 52983	2N2
5441	4822 146 21116	LOT DRIVER
5443 ⚠	4822 157 51462	10µH
5445 ⚠	4822 140 10406	LOT AT2079/40
5447	4822 157 62766	262LYF-0095K
5449	4822 156 20966	47µH
5449	4822 158 10551	27µH
5452	4822 157 51157	3.3µH
5453 ⚠	4822 157 51462	10µH
5454	4822 156 21332	LIN. COIL (21")
5454	4822 157 53205	LIN. C. (14/17")
5470 ⚠	4822 157 51462	10µH
5500	4822 212 22978	MAINS FILTER
5503	4822 157 53139	4.7µH
5515	4822 157 50963	2.2µH
5521	4822 157 51195	1µH
5524	4822 157 53542	1µH 2%
5525	4822 148 81121	SOPS TRF
5529	4822 157 63411	68µH
5530	4822 157 63411	68µH
5531	4822 158 10551	27µH
5532	4822 157 51157	3.3µH
5534	4822 157 62878	3.3µH
5540	4822 156 20966	47µH
5541	4822 156 20966	47µH
5545	4822 157 51195	1µH
5554	4822 157 51157	3.3µH
5560 ⚠	4822 157 51462	10µH
5601 ⚠	4822 157 51462	10µH
5652 ⚠	4822 157 51462	10µH
5653 ⚠	4822 157 51462	10µH
5677	4822 157 53906	47µH

6014	4822 130 80888	BA682
6020	4822 130 81223	LLZ-C2V4
6034	4822 130 80446	LL4148
6042	4822 130 80888	BA682
6050 ⚠	4822 130 30621	1N4148
6051 ⚠	4822 130 30621	1N4148
6052 ⚠	4822 130 30621	1N4148
6053	4822 130 80446	LL4148
6054	4822 130 81147	LLZ-F6V2
6055	4822 130 80446	LL4148
6115	4822 130 80888	BA682
6116	4822 130 80888	BA682
6119	4822 130 80888	BA682
6120	4822 130 80888	BA682
6135	4822 130 80883	LLZ-C4V7
6170	4822 130 80888	BA682
6172	4822 130 80888	BA682
6289	4822 130 80446	BAS32L
6306	4822 130 80954	LLZ-C5V6
6370	4822 130 82304	LLZ-F12
6415	4822 130 80446	LL4148
6416	4822 130 42488	BYD33D
6443	5322 130 31938	BYV27-200
6446	4822 130 32896	BYD33M
6447	4822 130 32896	BYD33M
6449	4822 130 42488	BYD33D
6449	5322 130 32967	BYV26B
6451	4822 130 42488	BYD33D
6452	4822 130 42488	BYD33D
6453	4822 130 42488	BYD33D
6470	4822 130 42488	BYD33D
6502	4822 130 81497	1N4005GP
6503	4822 130 81497	1N4005GP
6504	4822 130 81497	1N4005GP
6505	4822 130 81497	1N4005GP
6511	4822 130 80446	LL4148
6513	4822 130 80446	LL4148
6514	4822 130 80446	LL4148
6515	4822 130 80446	LL4148
6516	4822 130 80886	LLZ-F22
6517	4822 130 31456	BZV85-C5V1
6521	4822 130 42488	BYD33D
6522 ⚠	4822 130 30621	1N4148
6523	4822 130 80446	LL4148
6530	4822 130 82033	BYD34J
6537	4822 130 34167	BZX79-F6V2
6540	4822 130 42488	BYD33D
6545	4822 130 42488	BYD33D
6549	4822 130 80446	LL4148
6554	4822 130 42489	BYD33G
6555	4822 130 82305	LLZ-F18
6557	4822 130 80887	LLZ-F36
6558	4822 130 80887	LLZ-F36
6559	4822 130 80887	LLZ-F36
6562	4822 130 80905	LLZ-F5V1
6566	4822 130 34174	BZX79-F4V7
6568	4822 130 81147	LLZ-F6V2
6569	4822 130 80446	LL4148
6570	4822 130 20245	SF0R5D43
6573	4822 130 80446	LL4148
6602	4822 130 82037	HZT33
6603	4822 130 80446	LL4148
6604	4822 130 80446	LL4148
6605	4822 130 80446	LL4148
6606	4822 130 80446	LL4148
6658	4822 130 80446	LL4148
6663 ⚠	4822 209 30563	TLXR5400
6679	4822 130 80446	LL4148
6698	4822 130 80446	LL4148
6849 ⚠	4822 130 30621	1N4148
6850	4822 130 80446	LL4148
6851	4822 130 80446	LL4148
6852	4822 130 80446	LL4148
6853	4822 130 80446	LL4148
6854	4822 130 80446	LL4148
6855	4822 130 80446	LL4148
6865 ⚠	4822 130 30621	1N4148

7002	4822 209 10892	LA7910
7015	4822 209 63107	TDA4504B/N1B
7027	4822 130 61207	BC848
7030	4822 130 61207	BC848
7038	4822 130 61207	BC848
7125	4822 209 63105	TDA3843/V3
7135	4822 209 30278	TDA3827/V3
7156	4822 130 61207	BC848
7157 ⚠	4822 209 60956	TDA7052/N1
7158	4822 130 61207	BC848
7170	4822 130 61207	BC848
7221	4822 209 31714	TDA4661/V2
7250	4822 209 30011	TDA4650/V4
7251	4822 130 61207	BC848
7255	4822 130 42696	BC818-25
7256	4822 130 61207	BC848
7260	4822 209 30389	TDA4510/V8
7280	4822 209 63104	TDA3504/V1
7290	4822 130 42134	BC858BR
7400	4822 209 60955	TDA3653B/N1
7440	4822 130 41782	BF422
7445	4822 130 42679	BUT11AF
7512	5322 130 42136	BC848C
7514 ⚠	4822 130 82034	CNX83A
7515	4822 130 42513	BC858C
7516	5322 130 44349	BC635
7525	4822 130 42679	BUT11AF
7537	5322 130 60159	BC846B
7552	4822 130 42155	BC327A
7553	5322 130 42012	BC858A
7554	4822 130 42032	BC337A
7555	5322 130 60159	BC846
7556	4822 130 60136	BC856
7561	4822 130 40823	BD135
7563	5322 130 42012	BC858
7571	4822 130 61207	BC848
7600	4822 209 32117	TMP47C434N3146
7600	4822 209 32139	TMP47C834NR132
7600	4822 209 63948	TMP47C434N3122
7605	4822 209 73852	PMBT2369
7654	4822 130 61207	BC848
7658	4822 209 73852	PMBT2369
7665	4822 130 61207	BC848
7670	4822 130 61207	BC848
7672	4822 130 61207	BC848
7674	4822 130 61207	BC848
7685	4822 209 62098	ST24C02A
7686	4822 130 61207	BC848
7875	4822 130 61207	BC848
7876	4822 130 61207	BC848
7877	4822 130 61207	BC848

Spare parts lists / Stückliste / Liste des pièces

Picture tube module

⚠	4822 255 70251	CRT SOCKET

Various

1235	⚠	4822 071 56301	FUSE 630MA

⊣⊢

2202	4822 126 11544	22000pF 63V
2204	4822 122 32142	270pF 2% 63V
2206	4822 124 41828	1µF 20% 250V
2217	4822 122 32142	270pF 2% 63V
2230	4822 122 32142	270pF 2% 63V
2237	4822 121 41926	33nF 5% 630V

⊣▭⊢

3202		4822 053 11123	12k 5% 2W
3203		4822 111 50518	1k5 5% 0.5W
3204		4822 051 10229	22Ω 2% 0.25W
3205		4822 051 10621	620Ω 2% 0.25W
3206		4822 051 10112	1k1 2% 0.25W
3207		4822 100 11638	4k7 20% 0.1W
3207		4822 100 20171	2k2 10% 0.05W
3208		4822 051 10008	0Ω 5% 0.25W
3208	⚠	4822 051 10242	2k4 2% 0.25W
3210		4822 051 10332	3k3 2% 0.25W
3211		4822 051 10332	3k3 2% 0.25W
3212		4822 051 10332	3k3 2% 0.25W
3213		4822 100 11637	2k2 20% 0.1W
3214		4822 100 11637	2k2 20% 0.1W
3215		4822 053 11123	12k 5% 2W
3216		4822 111 50518	1k5 5% 0.5W
3217		4822 051 10229	22Ω 2% 0.25W
3218		4822 051 10621	620Ω 2% 0.25W
3219		4822 051 10112	1k1 2% 0.25W
3220		4822 100 11638	4k7 20% 0.1W
3220		4822 100 20171	2k2 10% 0.05W
3221		4822 051 10008	0Ω 5% 0.25W
3221	⚠	4822 051 10242	2k4 2% 0.25W
3222		4822 051 10561	560Ω 2% 0.25W
3224		4822 051 10152	1k5 2% 0.25W
3225		4822 051 10432	4k3 2% 0.25W
3226		4822 051 10112	1k1 2% 0.25W
3226		4822 051 10911	910Ω 2% 0.25W
3227		4822 051 10102	1k 2% 0.25W
3228		4822 053 11123	12k 5% 2W
3229		4822 111 50518	1k5 5% 0.5W
3230		4822 051 10229	22Ω 2% 0.25W
3231		4822 051 10008	0Ω 5% 0.25W
3231	⚠	4822 051 10242	2k4 2% 0.25W
3232		4822 051 10621	620Ω 2% 0.25W
3233		4822 051 10112	1k1 2% 0.25W
3234		4822 100 11638	4k7 20% 0.1W
3234		4822 100 20171	2k2 10% 0.05W
3235	⚠	4822 052 10108	1Ω 5% 0.33W
3236		4822 111 50518	1k5 5% 0.5W
3237		4822 111 50518	1k5 5% 0.5W

⌒

5235	4822 158 10549	12 µH (21")
5235	5322 157 53016	10 µH (14/17")

⊣▶⊢

6205	4822 130 80446	BAS32L
6218	4822 130 80446	BAS32L
6227	4822 130 80446	BAS32L

⊗ ▭

7205	4822 130 41782	BF422
7218	4822 130 41782	BF422
7225	5322 130 42012	BC858
7227	4822 130 41782	BF422

Teletext module

4822 265 40469	CONN. 6P FEM.
4822 265 40471	CONN. 8P FEM.

Various

1701		4822 242 81246	27MHz
1702		4822 242 71508	6,00MHz
1710	⚠	4822 071 52501	FUSE 250MA

⊣⊢

2701	4822 122 32504	15pF 2% 63V
2702	4822 122 31971	10pF 2% 63V
2703	4822 122 31746	1000pF 2% 63V
2704	4822 122 33496	100nF 10% 63V
2705	4822 122 33496	100nF 10% 63V
2706	4822 122 33496	100nF 10% 63V
2707	4822 122 33496	100nF 10% 63V
2709	4822 126 10324	33pF 2% 63V
2710	4822 126 10324	33pF 2% 63V
2712	4822 122 33496	100nF 10% 63V
2713	4822 122 33496	100nF 10% 63V
2714	4822 122 33496	100nF 10% 63V
2715	4822 122 33496	100nF 10% 63V
2716	4822 122 33496	100nF 10% 63V
2732	4822 122 33496	100nF 10% 63V
2734	4822 124 40435	10µF 20% 50V
2736	4822 122 31766	120pF 2% 63V
2750	4822 124 40177	47µF 20% 10V
2752	4822 124 40177	47µF 20% 10V
2770	4822 124 41584	100µF 20% 10V

⊣▭⊢

3700	⚠	4822 116 52219	330Ω 5% 0.5W
3701	⚠	4822 116 52219	330Ω 5% 0.5W
3702		4822 051 10332	3k3 2% 0.25W
3704		4822 051 10152	1k5 2% 0.25W
3705		4822 051 10273	27k 2% 0.25W
3706		4822 116 52213	180Ω 5% 0.5W
3707		4822 050 11002	1k 1% 0.4W
3709		4822 051 10333	33k 2% 0.25W
3710		4822 051 10103	10k 2% 0.25W
3711		4822 051 10101	100Ω 2% 0.25W
3713		4822 051 10223	22k 2% 0.25W
3714		4822 051 10103	10k 2% 0.25W
3716		4822 051 51201	120Ω 1% 0.125W
3718		4822 116 52208	130Ω 5% 0.5W
3722		4822 051 10122	1k2 2% 0.25W
3723		4822 051 10102	1k 2% 0.25W
3724		4822 051 10332	3k3 2% 0.25W
3725		4822 051 10279	27Ω 2% 0.25W
3726		4822 051 10279	27Ω 2% 0.25W
3728		4822 051 10822	8k2 2% 0.25W
3729		4822 051 10331	330Ω 2% 0.25W
3730		4822 051 10471	470Ω 2% 0.25W
3731		4822 051 10331	330Ω 2% 0.25W
3732		4822 051 10102	1k 2% 0.25W
3733		4822 051 10102	1k 2% 0.25W
3734		4822 051 10681	680Ω 2% 0.25W
3735		4822 051 10561	560Ω 2% 0.25W
3736		4822 051 10473	47k 2% 0.25W
3737		4822 050 11002	1k 1% 0.4W
3738		4822 116 52284	47k 5% 0.5W
3740		4822 051 10102	1k 2% 0.25W
3741		4822 051 10102	1k 2% 0.25W
3742		4822 051 10102	1k 2% 0.25W
3750		4822 051 51201	120Ω 1% 0.125W
3751		4822 051 51201	120Ω 1% 0.125W
3752		4822 051 10101	100Ω 2% 0.25W
3756		4822 051 10103	10k 2% 0.25W

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3757	4822 051 10101	100Ω 2% 0.25W
3760	4822 116 52256	2k2 5% 0,5W
3761	4822 116 52256	2k2 5% 0.5W
3762	4822 116 52175	100Ω 5% 0.5W
3763	4822 051 10101	100Ω 2% 0.25W
3765 ⚠	4822 116 52202	82Ω 5% 0.5W
3766 ⚠	4822 116 52202	82Ω 5% 0.5W
3767 ⚠	4822 116 52202	82Ω 5% 0.5W
3768	4822 051 10101	100Ω 2% 0.25W
3769	4822 051 10331	330Ω 2% 0.25W
3770	4822 051 10101	100Ω 2% 0.25W

Jumper

4700	4822 051 10008	0Ω 5% 0.25W
4703	4822 051 10008	0Ω 5% 0.25W
4704	4822 051 10008	0Ω 5% 0.25W
4720	4822 051 10008	0Ω 5% 0.25W

5701	4822 157 70386	4.7µH
5704	4822 157 60123	6.8µH
5734	4822 157 53001	27µH
5746	4822 157 60123	6.8µH
5747	4822 157 60123	6.8µH
5770	4822 157 60123	6.8µH

6704	4822 130 82886	LLZ-F3V0
6705	4822 130 80446	LL4148
6710	4822 130 81139	LLZ-C3V3
6750	4822 130 81227	LLZ-F5V6
6751	4822 130 81227	LLZ-F5V6

7700	4822 209 31215	SAA5246AP/H
7700	4822 209 32122	SAA5246AP/E/S
7701	4822 209 72681	MSM5165AL-12RS
7702	4822 209 30281	PCF84C81A/097
7702	4822 209 31069	PCF84C81AP/098
7702	4822 209 32102	PCF84C81AP/125
7710 ⚠	5322 130 41982	BC848B
7711 ⚠	5322 130 41982	BC848B
7713	5322 130 60159	BC846B
7715 ⚠	5322 130 41982	BC848B
7731	5322 130 42012	BC858
7732 ⚠	5322 130 41982	BC848B
7750	4822 130 40855	BC337
7751	4822 130 40855	BC337
7754 ⚠	5322 130 41982	BC848B
7755 ⚠	5322 130 41982	BC848B
7765 ⚠	5322 130 41982	BC848B
7766 ⚠	5322 130 41982	BC848B
7767 ⚠	5322 130 41982	BC848B

Interface module

	4822 265 30497	CONN. 5P MALE
	4822 264 50148	CONN. 8P MALE
	4822 267 50591	CONN. 6P MALE

3781	4822 116 52233	10k 5% 0.5W
3782	4822 117 10224	12Ω 5% 1W
3783	4822 116 52226	560Ω 5% 0.5W
3784	4822 116 52226	560Ω 5% 0.5W
3785	4822 116 52226	560Ω 5% 0.5W
3786	4822 050 11002	1k 1% 0.4W

Warnings and remarks

1. A set to be repaired should always be connected to the mains via a suitable isolating transformer.

2. Safety regulations demand that the set be restored to its original condition and that components identical with the original types be used.
Safety components are marked by the symbol ⚠ .

3. To prevent damage to ICs and transistors any flash-over of the EHT should be avoided.
To prevent damage to the picture tube the method, indicated in Fig. 1, has to be applied to discharge the picture tube. Make use of an EHT probe and a universal meter (position DC-V). Discharge until the reading of the meter is 0V (after approx. 30s).

4. **ESD**

All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD).
Careless handling during repair may reduce life drastically.
When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance.
Keep components and tools on the same potential.

5. Together with the deflection unit and the possible multipole unit the flat square picture tubes applied form one whole. The deflection and multipole units have been adjusted optimally in the factory.
Adjustment of these units during repair is thus not recommended.

6. The EHT cable has been bonded in the line output transformer. It can thus not be replaced.

7. Proceed with care when testing the EHT section and the picture tube.

8. Never replace any modules or any other parts while the set is switched on.

9. Wear safety goggles during replacement of the picture tube.

10. Use plastic instead of metal alignment tools.
This in order to preclude short-circuit or to prevent a specific circuit from being rendered unstable.

1. Service default mode

The service default mode (SDM) is a fixed, defined state the set can be brought in. All controls are in a fixed position and the automatic switch-off feature is disabled. The set accepts all commands via the remote control or the local keyboard.
To switch on the SDM, connect pin 7 of IC7600 to ground and switch on the set with the mains switch. The SDM can be left by switching the set into stand-by or by switching off the set with the mains switch.

2. The direct voltages and waveforms should be measured relative to the nearest earthing point on the printed circuit board.

3. The direct voltages and oscillograms are measured with a switched on servicce default mode.
Use a colour bar pattern of pattern generator PM5515 as input signal.

4. If necessary, the oscillograms and DC voltages are measured with (⊓⊓) and without (✕) aerial signal.
Voltages in the power supply section have been measured for both normal operation (①) and in the stand-by mode (⏻). These values have been indicated by means of the corresponding symbols.

5. The components, mentioned in the parts lists, are per position completely interchangeable with the components in the set, irrespective of the possible type indications.

6. The picture tube board is provided with printed spark gaps.
Each spark gap is arranged between an electrode of the picture tube and the aquadag coating.

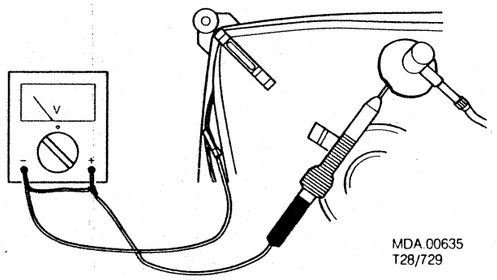


Fig. 1

Mechanical instructions

1. Servicing position

To facilitate troubleshooting and repairing the set, the chassis can, after disconnection of the degaussing coil, be pulled out of the cabinet, turned 180°, and placed behind it (see Fig. 5).

2. Flat square picture tube fixation.

Demounting the picture tube:
Loosen the nuts by turning them with a box spanner hexagon (10 mm) **clockwise**, (see Fig. 6).

Mounting the picture tube:
Turn the spindles **counterclockwise** into the mask with a box spanner hexagon (4 mm).
Locate the picture tube in the mask. The easiest way is placing the cabinet with the front facing down.
Position the picture tube in the middle of the mask.
Turn the spindles **clockwise** until the nut can be fixed onto the spindle.
Turn the nut **counterclockwise** finger-tight against the picture tube fixation.
Turn the spindle **clockwise** until the whole has been fixed tightly (the nut must not turn any more).

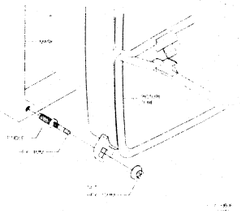


Fig. 6

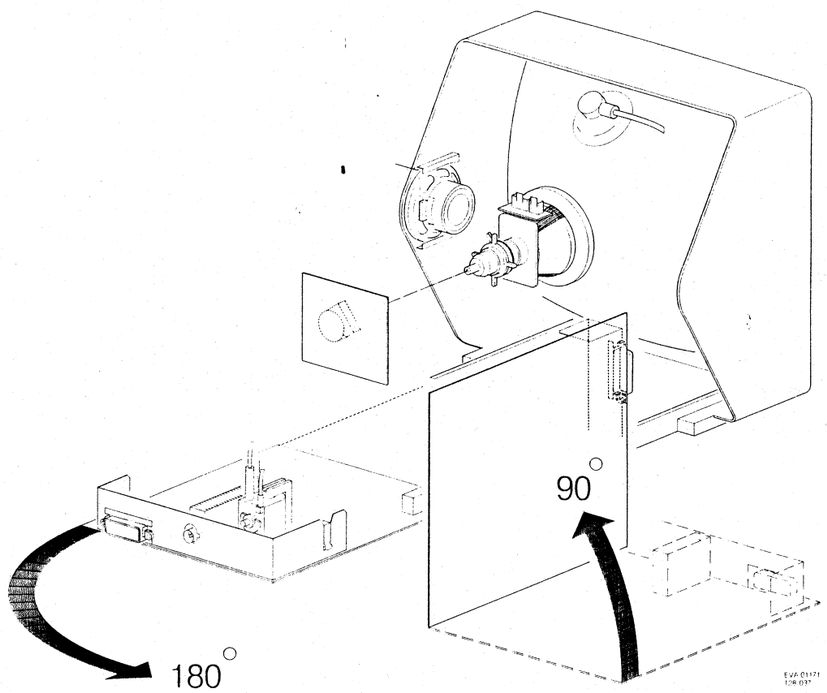
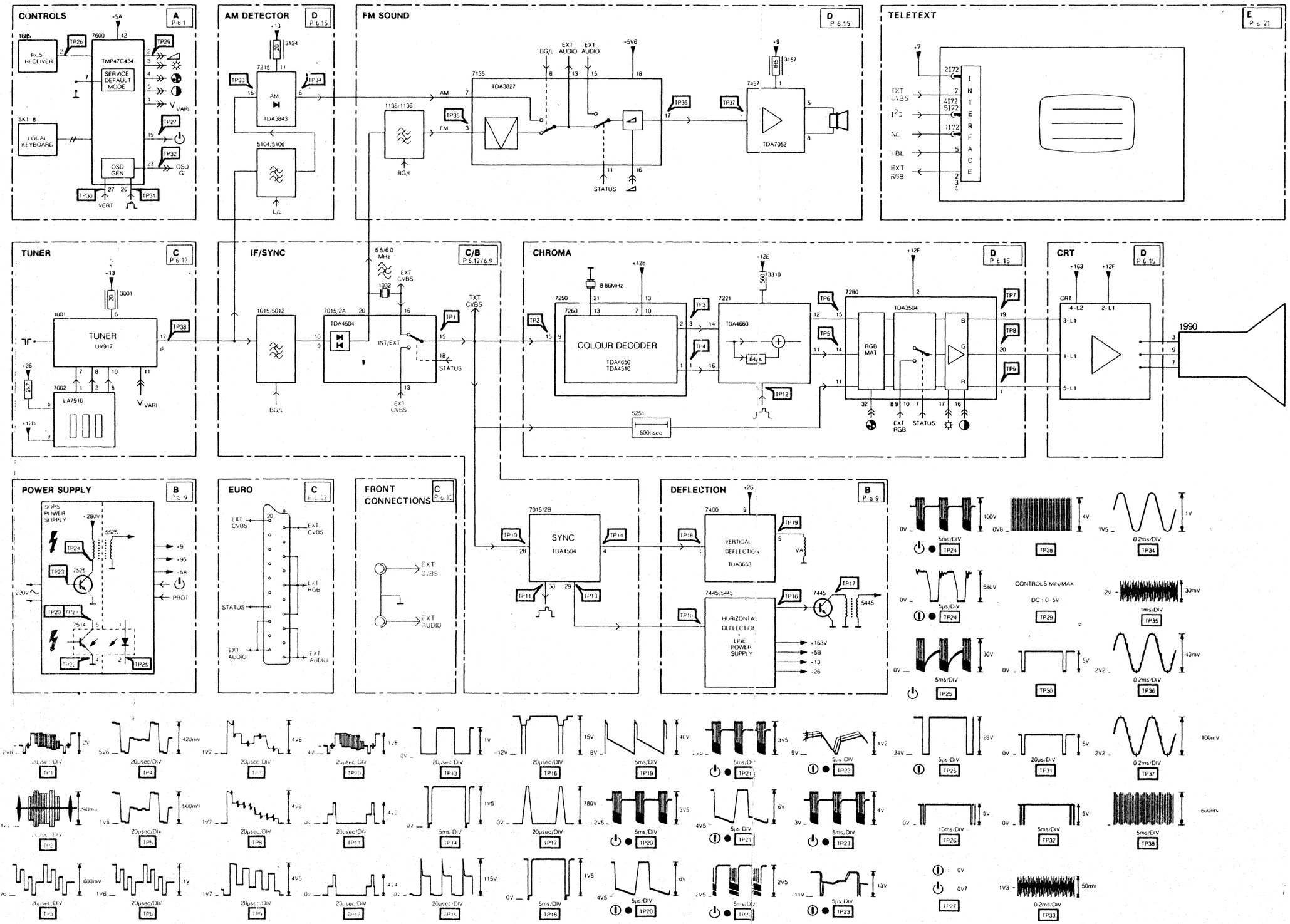


Fig. 5

Block diagram / Blockschaltbild / Schéma-bloc

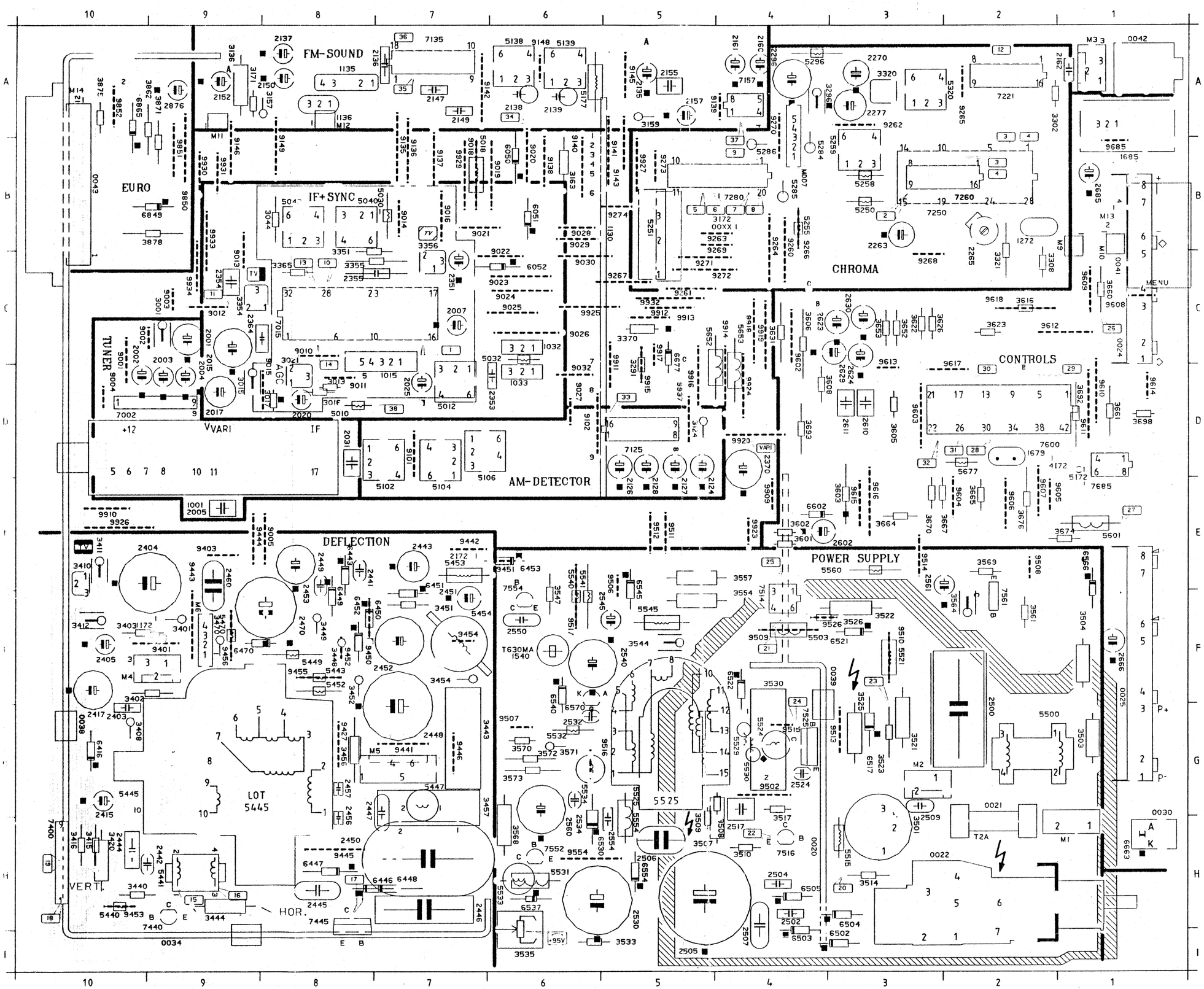
ANUBIS A 5.1 **5.2 ANUBIS A**



PCS 42 950

Monocarrier / Hauptplatine / Châssis

ANUBIS A **5.3** **5.4** **ANUBIS A**



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0024	C1	3016	D8	5102	D8	9013	B9	9916	D5						
0025	G1	3017	D8	5104	D7	9014	B7	9917	C5						
0041	C1	3021	D8	5106	D7	9015	D8	9918	C4						
0042	A1	3044	B8	5138	A6	9016	B7	9919	C4						
0043	C10	3124	D5	5139	A6	9018	B7	9920	D4						
1001	D10	3136	A9	5177	A6	9019	B6	9923	E4						
1015	C7	3157	A8	5250	B3	9020	B6	9924	D4						
1032	C6	3159	A5	5251	C5	9021	B7	9925	C6						
1033	D6	3163	B6	5255	B4	9022	C6	9926	E10						
1135	A8	3171	A9	5258	B3	9023	C6	9927	B5						
1136	A8	3291	D5	5259	B3	9024	C6	9929	B7						
1272	B2	3296	A4	5284	B4	9025	C6	9930	B9						
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2002	D10	3351	C8	5440	H10	9030	C6	9937	D5						
2003	D9	3354	C8	5441	H9	9032	D6	M1	H1						
2004	D9	3355	C7	5443	F8	9101	D7	M2	G3						
2005	E9	3356	C7	5445	G9	9102	D6	M3	A1						
2007	C7	3365	C8	5447	G7	9135	E7	M4	F9						
2015	C9	3370	C5	5449	F8	9136	E7	M5	G8						
2017	D9	3401	F9	5452	F8	9137	B7	M6	F9						
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2025	D7	3403	F10	5454	F7	9139	A4	M9	B1						
2031	D8	3408	G10	5470	F9	9140	E6	M10	B1						
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2152	A9	3451	F7	5534	G6	9264	B4	TP8	B4						
2155	A5	3452	F8	5540	F6	9265	A2	TP9	B8						
2157	A5	3454	F7	5541	F6	9266	B4	TP10	C8						
2160	A4	3456	G8	5545	F5	9267	C5	TP11	C9						
2161	A4	3457	G7	5554	H5	9268	C3	TP12	A7						
2162	A1	3470	F9	5560	E3	9269	B4	TP13	C8						
2263	B3	3501	H3	5601	E1	9270	A4	TP14	C3						
2265	B2	3503	G1	5652	D5	9271	C5	TP15	H9						
2270	A3	3504	F1	5653	D4	9272	C5	TP16	H9						
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2353	D6	3510	H4	6052	C6	9403	E9	TP20	H8						
2354	C9	3514	H3	6416	G10	9427	G8	TP21	F1						
2355	C7	3517	G4	6443	E8	9441	G7	TP22	H8						
2364	C8	3521	G3	6446	H8	9442	E7	TP23	F1						
2370	D4	3522	F3	6447	H8	9443	F9	TP24	G1						
2403	G10	3523	G3	6448	H7	9444	E9	TP25	E1						
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2405	F10	3526	F4	6450	F8	9446	G7	TP27	E1						
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2446	H7	3561	F2	6505	H4	9502	G4	TP36	A7						
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2450	H7	3570	G6	6530	H6	9509	F4								
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2456	H8	3601	E4	6554	H5	9513	G3								
2457	G8	3602	E4	6566	E1	9514	E3								
2460	E9	3603	E3	6570	F6	9515	G4								
2470	F8	3605	D3	6602	E4	9516	G6								
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2504	H4	3616	C2	6849	B9	9554	H6								
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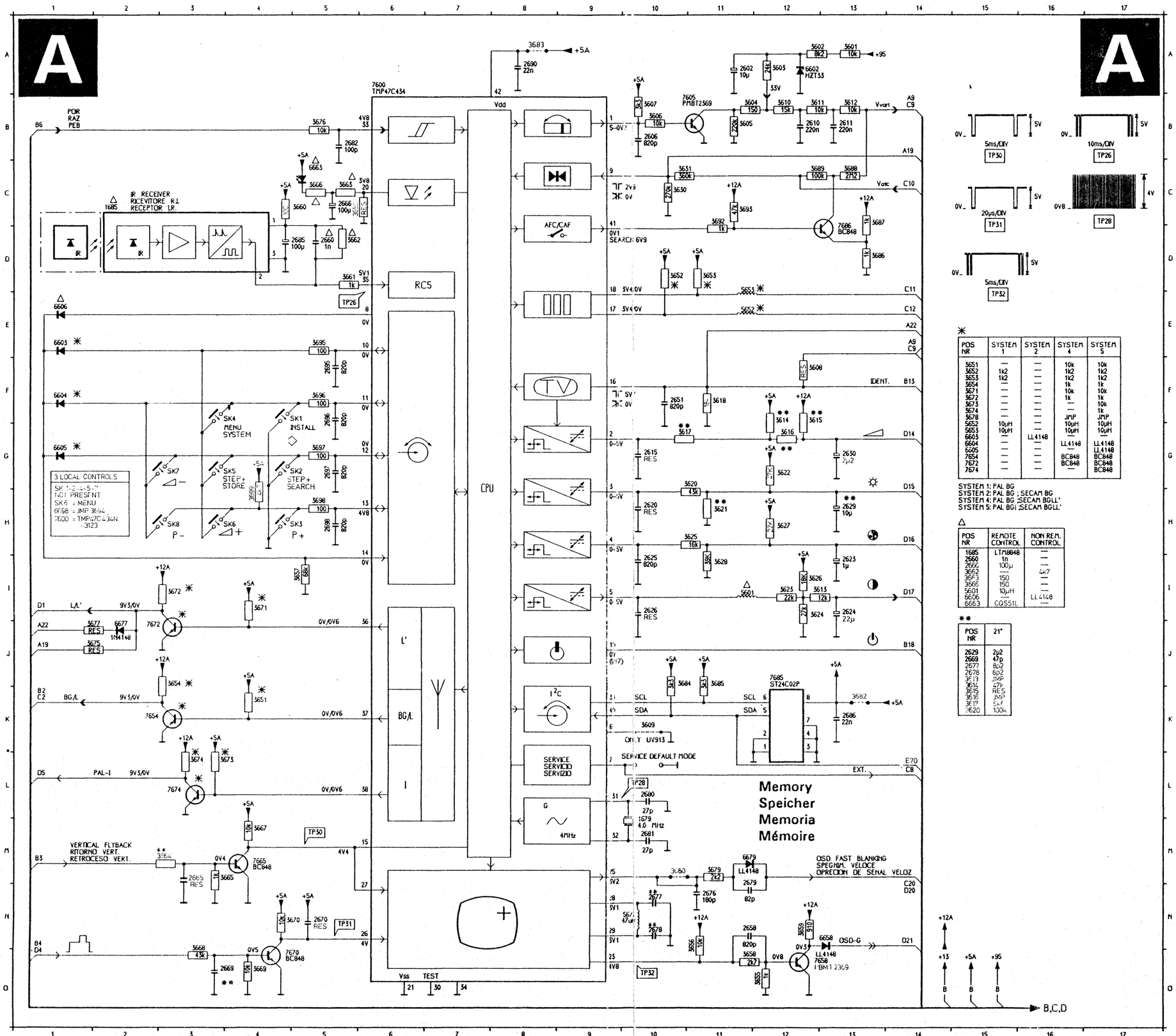
2666	F1	5012	D7	9003	C9	9910	E10								
2685	B1	5018	B7	9004	D10	9911	D5								
2876	A9	5030	B7	9005	E8	9912	C5								
3001	C9	5032	C6	9010	C8	9913	C5								

Controls / Bedienung / Commandes

ANUBIS A **6.1** **6.2** **ANUBIS A**



5ms/DIV TP30 · 10ms/DIV TP26 · 20µs/DIV TP31 · 4V TP28 · 5ms/DIV TP32

✳

POS NR	SYSTEM 1	SYSTEM 2	SYSTEM 4	SYSTEM 5
3651	—	—	10k	10k
3652	1K2	—	1K2	1K2
3653	1K2	—	1K2	1K2
3654	—	—	1k	1k
3671	—	—	10k	10k
3672	—	—	1k	1k
3673	—	—	—	10k
3674	—	—	—	1k
3678	—	—	JMP	JMP
3652	10µH	—	10µH	10µH
3653	10µH	—	10µH	10µH
6603	—	LL4148	—	—
6604	—	—	LL4148	LL4148
6605	—	—	—	LL4148
7654	—	—	BC848	BC848
7672	—	—	BC848	BC848
7674	—	—	—	BC848

SYSTEM 1: PAL BG
SYSTEM 2: PAL BG ; SECAM BG
SYSTEM 4: PAL BG ;SECAM BGLL'
SYSTEM 5: PAL BG ;SECAM BGLL'

△

POS NR	REMOTE CONTROL	NON REM. CONTROL
1685	LTM8848	—
2660	1n	—
2666	100µ	—
3662	—	4K7
3663	150	—
3665	150	—
5601	10µH	—
6606	—	LL4148
6663	COSSIL	—

✳✳

POS NR	21"
2629	2µ2
2669	47p
2677	8p2
2678	8p2
3613	JMP
3614	47k
3615	RES
3616	JMP
3617	5K6
3620	100k

SK1	F4	3688	C13
SK2	G4	3689	C12
SK3	H4	3690	C5
SK4	F3	3692	C11
SK5	G3	3693	C11
SK6	H3	3695	E5
SK7	G3	3696	F5
SK8	H3	3697	G5
1679	M10	3698	H5
1685	C2	3699	H4
2602	A11	4MHz	M9
2606	B10	5601	I11
2610	B12	5652	E11
2611	B13	5653	E11
2615	G10	5677	N10
2620	H10	6602	A12
2623	I13	6603	E1
2624	I13	6604	F1
2625	I10	6605	G1
2626	I10	6606	E1
2629	H13	6658	N13
2630	G13	6663	C5
2651	F10	6677	J2
2658	N11	6679	M11
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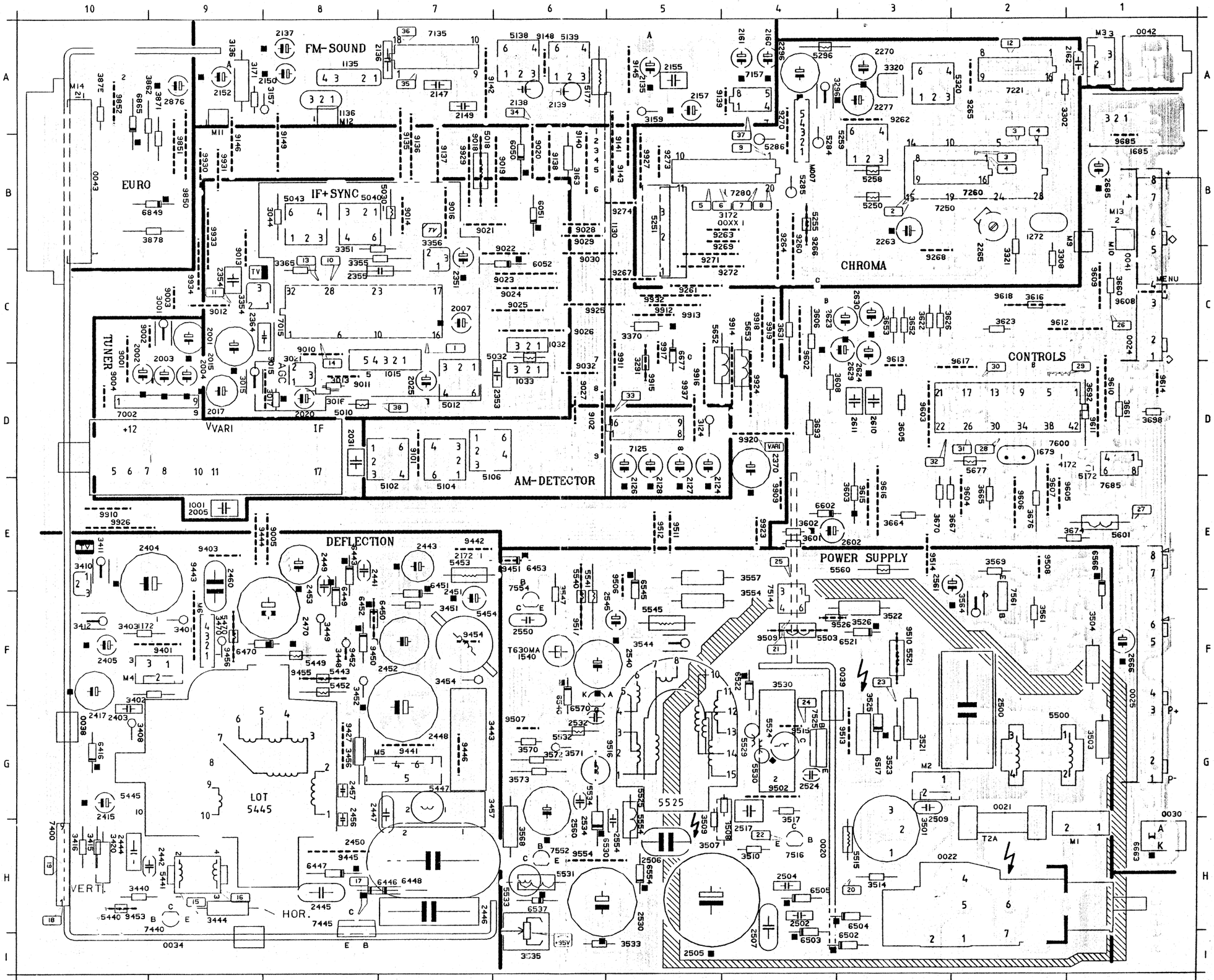
2665	N3	7605	B10
2666	C5	7654	K2
2669	O3	7658	O12
2670	N5	7665	M4
2676	N11	7670	O4
2677	N10	7672	J3
2678	N10	7674	J12
2679	N11	7685	J12
2680	L10	7686	D13
2681	M10		
2682	B5		
2685	D4		
2686	K13		
2690	A8		
2695	F5		
2696	F5		
2697	G5		
2698	H5		
3601	A13		
3602	A12		
3603	A12		
3604	B11		
3605	B11		
3606	B10		
3607	B10		
3608	F12		
3609	K10		
3610	B12		
3611	B12		
3612	B13		
3613	I13		
3614	F12		
3615	F12		
3616	G12		
3617	G10		
3618	F11		
3620	G11		
3621	H11		
3622	G12		
3623	I12		
3624	I12		
3625	H11		
3626	I12		
3627	H12		
3628	I11		
3630	C10		
3631	C10		
3651	K4		
3652	D10		
3653	D11		
3654	J3		
3655	O12		
3656	N11		
3657	I5		
3658	O11		
3659	N12		
3660	C5		
3661	D5		
3662	D5		
3663	C5		
3664	M3		
3665	M3		
3666	C5		
3667	M4		
3668	O3		
3669	O4		
3670	N4		
3671	I4		
3672	I3		
3673	L3		
3674	L3		
3675	L3		
3676	B5		
3677	J2		
3679	M11		
3680	M10		
3682	K13		
3683	A8		
3684	J10		
3685	J11		
3686	D13		
3687	C13		

Monocarrier / Hauptplatine / Châssis

ANUBIS A **6.3** **6.4** **ANUBIS A**



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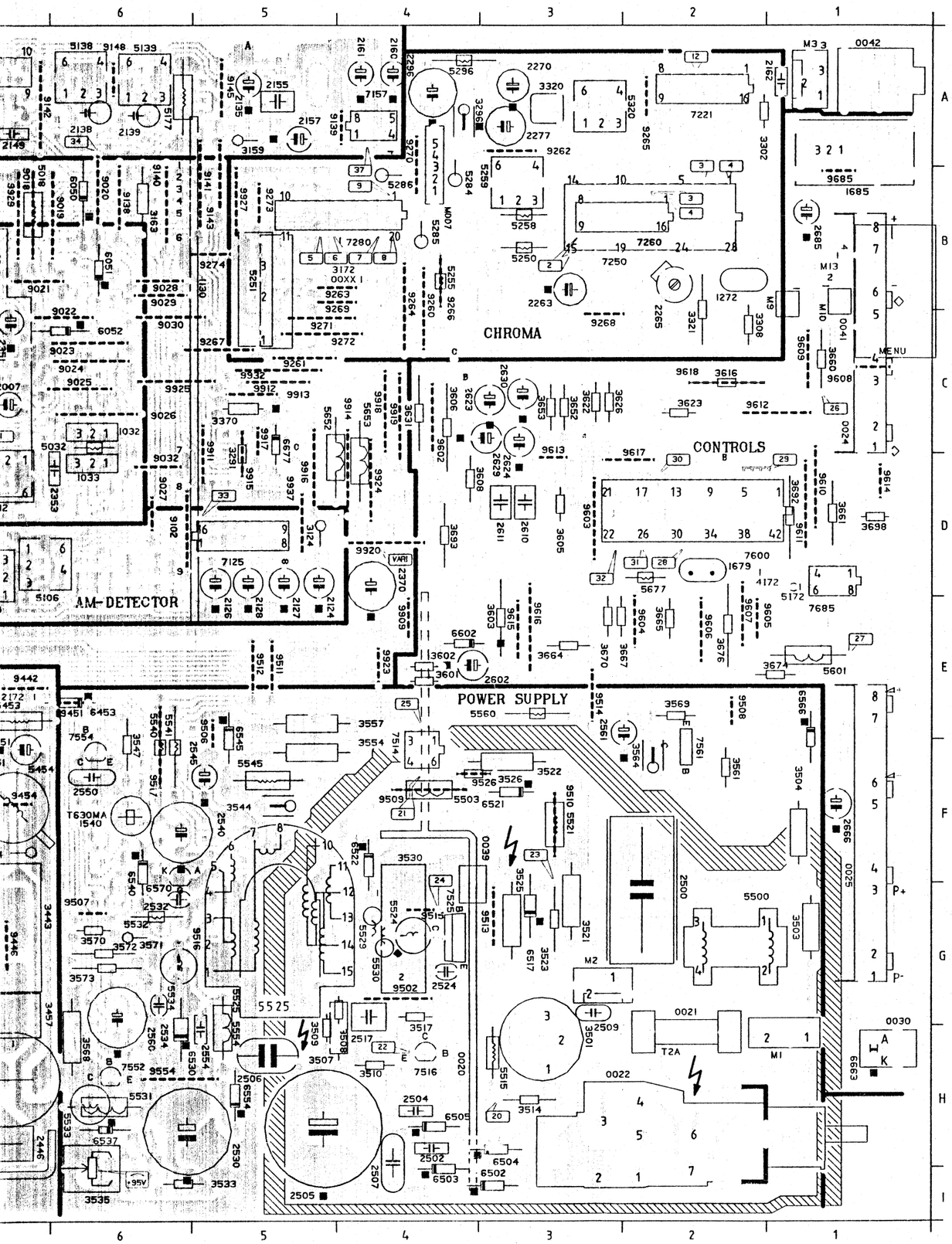

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0024	C1	3016	D8	5102	D8	9013	B9	9916	D5
0025	G1	3017	D8	5104	D7	9014	B7	9917	C5
0041	C1	3021	D8	5106	D7	9015	D8	9918	C4
0042	A1	3044	B8	5138	A6	9016	B7	9919	C4
0043	C10	3124	D5	5139	A6	9018	B7	9920	D4
1001	D10	3136	A9	5177	A6	9019	B6	9923	E4
1015	C7	3157	A8	5250	B3	9020	B6	9924	D4
1032	C6	3159	A5	5251	C5	9021	B7	9925	C6
1033	D6	3163	B6	5255	B4	9022	C6	9926	E10
1135	A8	3171	A9	5258	B3	9023	C6	9927	B5
1136	A8	3291	D5	5259	B3	9024	C6	9929	B7
1272	B2	3296	A4	5284	B4	9025	C6	9930	B9
1540	F6	3302	A2	5285	B4	9026	C6	9931	B9
1679	D2	3308	C2	5286	B4	9027	D6	9932	C5
1685	A1	3320	A3	5296	A4	9028	B6	9933	B9
2001	C9	3321	C2	5320	A3	9029	B6	9934	C9
2002	D10	3351	C8	5440	H10	9030	C6	9937	D5
2003	D9	3354	C8	5441	H9	9032	D6	M1	H1
2004	D9	3355	C7	5443	F8	9101	D7	M2	G3
2005	E9	3356	C7	5445	G9	9102	D6	M3	A1
2007	C7	3365	C8	5447	G7	9135	B7	M4	F9
2015	C9	3370	C5	5449	F8	9136	B7	M5	G8
2017	D9	3401	F9	5452	F8	9137	B7	M6	F9
2020	D8	3402	F9	5453	E7	9138	B6	M7	A4
2025	D7	3403	F10	5454	F7	9139	A4	M9	B1
2031	D8	3408	G10	5470	F9	9140	B6	M10	B1
2124	D5	3410	E10	5500	G1	9141	B5	M11	A9
2126	D5	3411	E10	5503	F4	9142	A7	M12	A8
2127	D5	3412	F10	5515	H3	9143	B5	M13	B1
2128	D5	3415	H10	5521	F3	9145	A5	M14	A10
2135	A5	3416	H10	5524	G4	9146	B9	TP1	C7
2137	A8	3420	H10	5525	G5	9148	A6	TP2	B3
2138	A6	3440	H10	5529	G4	9149	B8	TP3	B2
2139	A6	3443	G7	5530	G4	9260	B4	TP4	B2
2147	A7	3444	H9	5531	H6	9261	C5	TP5	B5
2149	A7	3448	F8	5532	G6	9262	A3	TP6	B5
2150	A8	3449	F8	5533	H6	9263	B4	TP7	B4
2152	A9	3451	F7	5534	G6	9264	B4	TP8	B4
2155	A5	3452	F8	5540	F6	9265	A2	TP9	B4
2157	A5	3454	F7	5541	F6	9266	B4	TP10	C8
2160	A4	3456	G8	5545	F5	9267	C5	TP11	C9
2161	A4	3457	G7	5554	H5	9268	C3	TP12	A2
2162	A1	3470	F9	5560	E3	9269	B4	TP13	C8
2263	B3	3501	H3	5601	E1	9270	A4	TP14	C8
2265	B2	3503	G1	5652	D5	9271	C5	TP15	H9
2270	A3	3504	F1	5653	D4	9272	C5	TP16	H9
2277	A3	3507	H4	5677	D2	9273	B5	TP17	H8
2296	A4	3508	G4	6050	B6	9274	B5	TP18	H10
2351	C7	3509	H5	6051	B6	9401	F9	TP19	H10
2353	D6	3510	H4	6052	C6	9403	E9	TP20	H3
2354	C9	3514	H3	6416	G10	9427	G8	TP21	F4
2355	C7	3517	G4	6443	E8	9441	G7	TP22	H4
2364	C8	3521	G3	6446	H8	9442	E7	TP23	F3
2370	D4	3522	F3	6447	H8	9443	F9	TP24	G4
2403	G10	3523	G3	6448	H7	9444	E9	TP25	E4
2404	E9	3525	G3	6449	F8	9445	H8	TP26	C1
2405	F10	3526	F4	6450	F8	9446	G7	TP27	E1
2415	G10	3530	G4	6451	F7	9450	F8	TP28	D2
2417	F10	3533	I6	6452	F8	9451	E6	TP29	D2
2441	E8	3535	I6	6453	E6	9452	F8	TP30	D2
2442	H9	3544	F5	6470	F8	9453	H10	TP31	D2
2443	E7	3547	F6	6502	I3	9454	F7	TP32	D3
2444	H10	3554	F5	6503	I4	9455	F8	TP34	A6
2445	H8	3557	E5	6504	H3	9456	F9	TP35	A7
2446	H7	3561	F2	6505	H4	9502	G4	TP36	A7
2447	G7	3564	F2	6517	G3	9506	E5	TP37	B4
2448	G7	3568	H6	6521	F3	9507	G6		
2449	E8	3569	E2	6522	F4	9508	E2		
2450	H7	3570	G6	6530	H6	9509	F4		
2451	F7	3571	G6	6537	H6	9510	F3		
2452	F7	3572	G6	6540	F6	9511	E5		
2453	E8	3573	G6	6545	E5	9512	E5		
2456	H8	3601	E4	6554	H5	9513	G3		
2457	G8	3602	E4	6566	E1	9514	E3		
2460	E9	3603	E3	6570	F6	9515	G4		
2470	F8	3605	D3	6602	E4	9516	G6		
2500	G2	3606	C4	6663	H1	9517	F6		
2502	H4	3608	D4	6677	C5	9526	F4		
2504	H4	3616	C2	6849	B9	9554	H6		
2505	H5	3622	C3	6865	A10	9602	C4		
2506	H5	3623	C2	7002	D10	9603	D3		
2507	H4	3626	C3	7015	C8	9604	E2		
2509	G3	3631	C4	7125	D5	9605	E2		
2517	G4	3652	C3	7135	A7	9606	E2		
2524	G4	3653	C3	7157	A4	9607	E2		
2530	H6	3660	C1	7221	A2	9608	C1		
2532	G6	3661	D1	7250	B2	9609	C1		
2534	G6	3664	E3	7280	B4	9610	D1		
2540	F6	3665	E2	7400	H10	9611	D1		
2545	F5	3667	E3	7440	H9	9612	C1		
2550	F6	3670	E3	7445	I8	9613	D3		
2554	H5	3674	E1	7514	E4	9614	D1		
2560	G6	3676	E2	7516	H4	9615	E3		
2561	E2	3692	D1	7525	G4	9616	E3		
2602	E4	3693	D4	7552	H6	9617	D2		
2610	D3	3698	D1	7554	F6	9618	C2		
2611	D3	3862	A10	7561	E2	9685	B1		
2623	C3	3871	B9	7600	D1	9850	B9		
2624	C3	3875	A10	7685	D1	9851	B9		
2629	C3	3878	B9	9001	C10	9852	A10		
2630	C3	5010	D8	9002	C9	9909	E4		
2666	F1	5012	D7	9003	C9	9910	E10		
2685	B1	5018	B7	9004	D10	9911	D5		
2876	A9	5030	B7	9005	E8	9912	C5		
3001	C9	5032	C6	9010	C8	9913	C5		

Monocarrier / Hauptplatine / Châssis

0021 H2	2270 A3	2545 F5	3142 A8	3454 F7	3663 E1	5545 F5	7280 B4	9508 E2
0022 I2	2271 A3	2547 F6	3143 A5	3455 G8	3664 E3	5554 H5	7290 C5	9509 F4
0024 C1	2272 A2	2550 F6	3148 A7	3456 G8	3665 E2	5560 E3	7400 H10	9510 F3
0025 G1	2273 A2	2553 F5	3149 A7	3457 G7	3666 H1	5601 E1	7440 H9	9511 E5
0041 C1	2274 A2	2554 H5	3150 A9	3460 E9	3667 E3	5652 D5	7445 I8	9512 E5
0042 A1	2275 A2	2555 F6	3151 A7	3461 E9	3668 D4	5653 D4	7512 H4	9513 G3
0043 C10	2276 A3	2556 F6	3152 A9	3465 E9	3669 E3	5677 D2	7514 E4	9514 E3
1001 D10	2277 A3	2557 F1	3153 A9	3470 F9	3670 E3	6014 D7	7515 H4	9515 G4
1015 C7	2279 B1	2560 G6	3154 A5	3501 H3	3671 E1	6019 D9	7516 H4	9516 G6
1032 C6	2280 B1	2561 E2	3155 A5	3503 G1	3672 E3	6020 D9	7525 G4	9517 F6
1033 D6	2281 B4	2562 F5	3156 A5	3504 F1	3673 E1	6034 C6	7537 H6	9526 F4
1135 A8	2282 B4	2563 F6	3157 A8	3507 H4	3674 E1	6042 B8	7552 H6	9554 H6
1136 A8	2283 B5	2573 G6	3158 A9	3508 G4	3675 D5	6050 B6	7553 F2	9602 C4
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1540 F6	2285 A2	2606 C1	3160 B1	3510 H4	3677 C5	6052 C6	7555 F6	9604 E2
1679 D2	2286 B2	2610 D3	3161 A1	3511 H4	3678 E2	6053 C6	7556 F6	9605 E2
1685 A1	2287 B2	2611 D3	3162 A4	3513 F3	3679 D3	6054 B6	7561 E2	9606 E2
2001 C9	2288 B4	2615 C1	3163 B6	3514 H3	3680 D3	6055 B6	7563 E2	9607 E2
2002 D10	2289 B4	2620 C1	3164 A1	3515 H4	3682 E1	6115 D6	7571 G6	9608 C1
2003 D9	2290 B4	2623 C3	3169 A8	3516 H4	3683 D1	6116 D6	7600 D1	9609 C1
2004 D9	2291 B5	2624 C3	3170 A8	3517 G4	3684 D1	6119 D6	7605 D3	9610 D1
2005 E9	2292 B5	2625 C2	3171 A9	3518 H4	3685 E1	6120 D6	7654 E2	9611 D1
2006 D10	2293 B5	2626 C2	3172 A8	3520 H4	3686 D3	6135 A8	7658 D3	9612 C1
2007 C7	2294 B5	2629 C3	3173 A8	3521 G3	3687 D4	6170 A8	7665 D2	9613 D3
2008 D8	2295 A4	2630 C3	3175 A6	3522 F3	3688 D4	6172 A5	7670 D3	9614 D1
2009 B7	2296 A4	2651 C2	3176 A6	3523 G3	3689 D4	6289 E9	7672 E2	9615 E3
2010 D7	2297 A4	2658 D3	3251 C5	3524 G3	3690 G1	6306 A2	7674 E1	9616 E3
2011 D7	2298 B4	2660 B1	3252 B5	3525 G3	3692 D1	6365 C8	7685 D1	9617 D2
2013 D7	2299 A4	2665 E3	3253 B5	3526 F4	3693 D4	6370 C7	7686 D4	9618 C2
2014 D7	2300 B3	2666 F1	3261 B3	3530 G4	3695 D1	6415 G10	7875 A10	9685 B1
2015 C9	2301 B2	2667 D3	3289 C5	3533 I6	3696 D1	6416 G10	7876 C10	9850 B9
2016 C8	2302 A2	2669 D3	3290 C5	3534 I6	3697 D1	6443 E8	7877 B9	9851 B9
2017 D9	2303 A2	2670 E3	3291 D5	3535 I6	3698 D1	6446 H8	9001 C10	9852 A10
2019 C8	2304 A2	2676 D2	3292 C5	3536 H6	3699 H1	6447 H8	9002 C9	9909 E4
2020 D8	2305 A2	2677 D2	3293 B5	3544 F5	3850 A10	6448 H7	9003 C9	9910 E10
2021 C9	2306 A3	2678 D2	3294 D5	3547 F6	3851 B10	6449 F8	9004 D10	9911 D5
2022 C8	2307 A3	2679 E4	3296 A4	3549 F6	3852 A9	6450 F8	9005 E8	9912 C5
2025 D7	2309 B2	2680 D2	3297 B6	3550 E6	3853 B10	6451 F7	9010 C8	9913 C5
2026 C8	2310 C3	2681 D2	3298 B6	3551 H6	3854 C10	6452 F8	9011 D8	9914 D4
2027 D6	2321 B2	2682 E2	3299 B6	3552 F6	3855 B10	6453 E6	9012 C9	9915 D5
2030 C6	2350 C8	2685 B1	3302 A2	3553 H6	3856 B10	6470 F8	9013 B9	9916 D5
2031 D8	2351 C7	2686 D1	3303 A2	3554 F5	3857 B9	6502 I3	9014 B7	9917 C5
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2043 B8	2355 C7	2697 C2	3307 C2	3558 F5	3861 B1	6511 H4	9019 B6	9923 E4
2044 B8	2356 C8	2698 C2	3308 C2	3559 F6	3862 A10	6513 F3	9020 B6	9924 D4
2101 D8	2359 C8	2849 B10	3309 A2	3560 F2	3865 A9	6514 F3	9021 B7	9925 C6
2102 D7	2364 C8	2850 B10	3310 A3	3561 F2	3866 A10	6515 F6	9022 C6	9926 E10
2104 D7	2366 C8	2852 B10	3311 A4	3562 F2	3871 B9	6516 F6	9023 C6	9927 B5
2110 D7	2367 C8	2860 C10	3312 B3	3563 E6	3875 A10	6517 G3	9024 C6	9929 B7
2115 E6	2368 C8	2861 B1	3313 B4	3564 F2	3876 A10	6521 F3	9025 C6	9930 B9
2117 D6	2370 D4	2875 A10	3314 B4	3565 E1	3878 B9	6522 F4	9026 C6	9931 B9
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2120 D6	2401 H10	3001 C9	3316 C3	3567 F2	3880 B10	6530 H6	9028 B6	9933 B9
2124 D5	2402 F9	3002 D9	3317 B3	3568 H6	3881 B9	6537 H6	9029 B6	9934 C9
2125 D5	2403 G10	3003 D9	3318 B3	3569 E2	3882 B9	6540 F6	9030 C6	9937 D5
2126 D5	2404 E9	3004 D9	3319 A3	3570 G6	3883 B10	6545 E5	9032 D6	M1 H1
2127 D5	2405 F10	3005 D9	3320 A3	3571 G6	3901 C5	6549 F5	9101 D7	M2 G3
2128 D5	2413 H10	3010 D7	3321 C2	3572 G6	3902 B9	6553 E5	9102 D6	M3 A1
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2138 A6	2416 G10	3013 D8	3351 C8	3591 E6	5018 B7	6557 G6	9137 B7	M6 F9
2139 A6	2417 F10	3015 D9	3353 C8	3593 E6	5030 B7	6558 G6	9138 B6	M7 A4
2140 A7	2440 H10	3016 D8	3354 C8	3601 E4	5032 C6	6559 H6	9139 A4	M9 B1
2142 A7	2441 E8	3017 D8	3355 C7	3602 E4	5040 B8	6561 H6	9140 B6	M10 B1
2143 A8	2442 H9	3018 D9	3356 C7	3603 E3	5043 B8	6562 F1	9141 B5	M11 A9
2144 A8	2443 E7	3019 D9	3357 B9	3604 D3	5102 D8	6565 E1	9142 A7	M12 A8
2145 A7	2444 H10	3021 D8	3358 C9	3605 D3	5104 D7	6566 E1	9143 B5	M13 B1
2146 A7	2445 H8	3022 D8	3359 B9	3606 C4	5106 D7	6568 F2	9145 A5	M14 A10
2147 A7	2446 H7	3023 C8	3360 B9	3607 C1	5138 A6	6569 F6	9146 B9	TP1 C7
2148 A7	2447 G7	3024 C7	3362 C9	3608 D4	5139 A6	6570 F6	9148 A6	TP2 B3
2149 A7	2448 G7	3025 C7	3363 C9	3609 C2	5177 A6	6573 F5	9149 B8	TP3 B2
2150 A8	2449 E8	3026 C7	3364 D9	3610 D3	5250 B3	6602 E4	9260 B4	TP4 B2
2152 A9	2450 H7	3027 D6	3365 C8	3611 D3	5251 C5	6603 F1	9261 C5	TP5 B5
2153 A9	2451 F7	3028 D6	3370 C5	3612 D3	5255 B4	6604 F1	9262 A3	TP6 B5
2154 A5	2452 F7	3029 C6	3401 F9	3613 C3	5258 B3	6605 E1	9263 B4	TP7 B4
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2158 A4	2457 G8	3032 C6	3404 F10	3616 C2	5285 B4	6663 H1	9266 B4	TP10 C8
2160 A4	2460 E9	3033 C6	3405 F10	3617 C1	5286 B4	6677 C5	9267 C5	TP11 C9
2161 A4	2465 E10	3034 C7	3406 E10	3618 C3	5296 A4	6679 D4	9268 C3	TP12 A2
2162 A1	2470 F8	3035 C6	3407 E10	3620 C2	5320 A3	6698 G1	9269 B4	TP13 C8
2163 B1	2500 G2	3036 C9	3408 G10	3621 C2	5440 H10	6849 B9	9270 A4	TP14 C8
2164 A5	2501 G2	3037 B8	3409 F10	3622 C3	5441 H9	6850 B10	9271 C5	TP15 H9
2169 A7	2502 H4	3038 C7	3410 E10	3623 C2	5443 F8	6851 B10	9272 C5	TP16 H9
2170 A8	2503 G2	3039 C7	3411 E10	3624 C2	5445 G9	6852 B10	9273 B5	TP17 H8
2171 A8	2504 H4	3043 B9	3412 F10	3625 C2	5447 G7	6853 B10	9274 B5	TP18 H10
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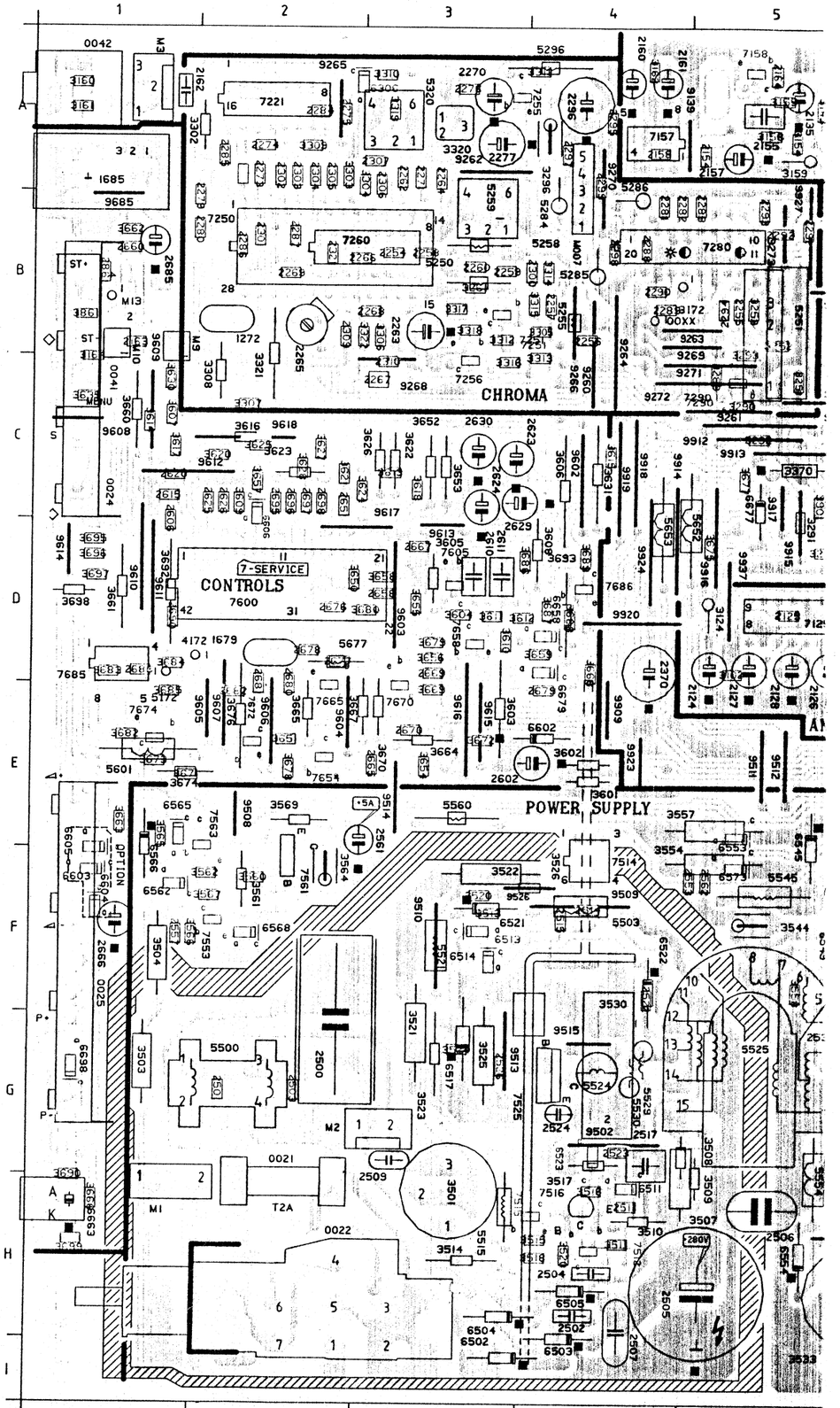
2175 A6	2507 H4	3050 B6	3415 H10	3628 C2	5453 E7	6865 A10	9427 G8	TP21 F4
2176 A5	2509 G3	3051 C6	3416 H10	3630 C1	5454 F7	7002 D10	9441 G7	TP22 H4
2254 B3	2511 H4	3054 B6	3417 F10	3631 C4	5470 F9	7015 C8	9442 E7	TP23 F3
2255 B5	2514 F4	3102 D5	3418 E10	3635 C1	5500 G1	7027 D6	9443 F9	TP24 G4
2256 B4	2515 F4	3103 D5	3419 F10	3650 D2	5503 F4	7030 C6	9444 E9	TP25 E4
2257 B4	2517 G4	3116 E6	3420 H10	3651 E2	5515 H3	7038 C7	9445 H8	TP26 C1
2258 B3	2520 F3	3117 D6	3440 H10	3652 C3	5521 F3	7125 D5	9446 G7	TP27 E1
2259 B3	2522 F4	3118 D6	3442 H10	3653 C3	5524 G4	7135 A7	9450 F8	TP28 D2
2260 B3	2523 G4	3119 D6	3443 G7	3654 E3	5525 G5	7156 A9	9451 E6	TP29 D2
2262 A3	2524 G4	3120 D6	3444 H9	3655 D3	5529 G4	7157 A4	9452 F8	TP30 D2
2263 B3	2526 G3	3124 D5	3445 H9	3656 D3	5530 G4	7158 A5	9453 H10	TP31 D2
2264 A3	2530 H6	3127 D6	3446 F9	3657 C2	5531 H6	7170 A8	9454 F7	TP32 D3
2265 B2	2532 G6	3135 A8	3448 F8	3658 D3	5532 G6	7221 A2	9455 F8	TP34 A6
2266 B2	2533 I6	3136 A9	3449 F8	3659 D4	5533 H6	7250 B2	9456 F9	TP35 A7
2267 C3	2534 G6	3137 A6	3450 F8	3660 C1	5534 G6	7251 B3	9502 G4	TP36 A7
2268 B3	2536 H6	3138 A7	3451 F7	3661 D1	5540 F6	7255 A3	9506 E5	TP37 B4
2269 B2	2540 F6	3141 A6	3452 F8	3662 B1	5541 F6	7256 C3	9507 G6	



ANUBIS A 6.7 **6.8 ANUBIS A**

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3666	H1	5601	E1	7440	H9	9511	E5
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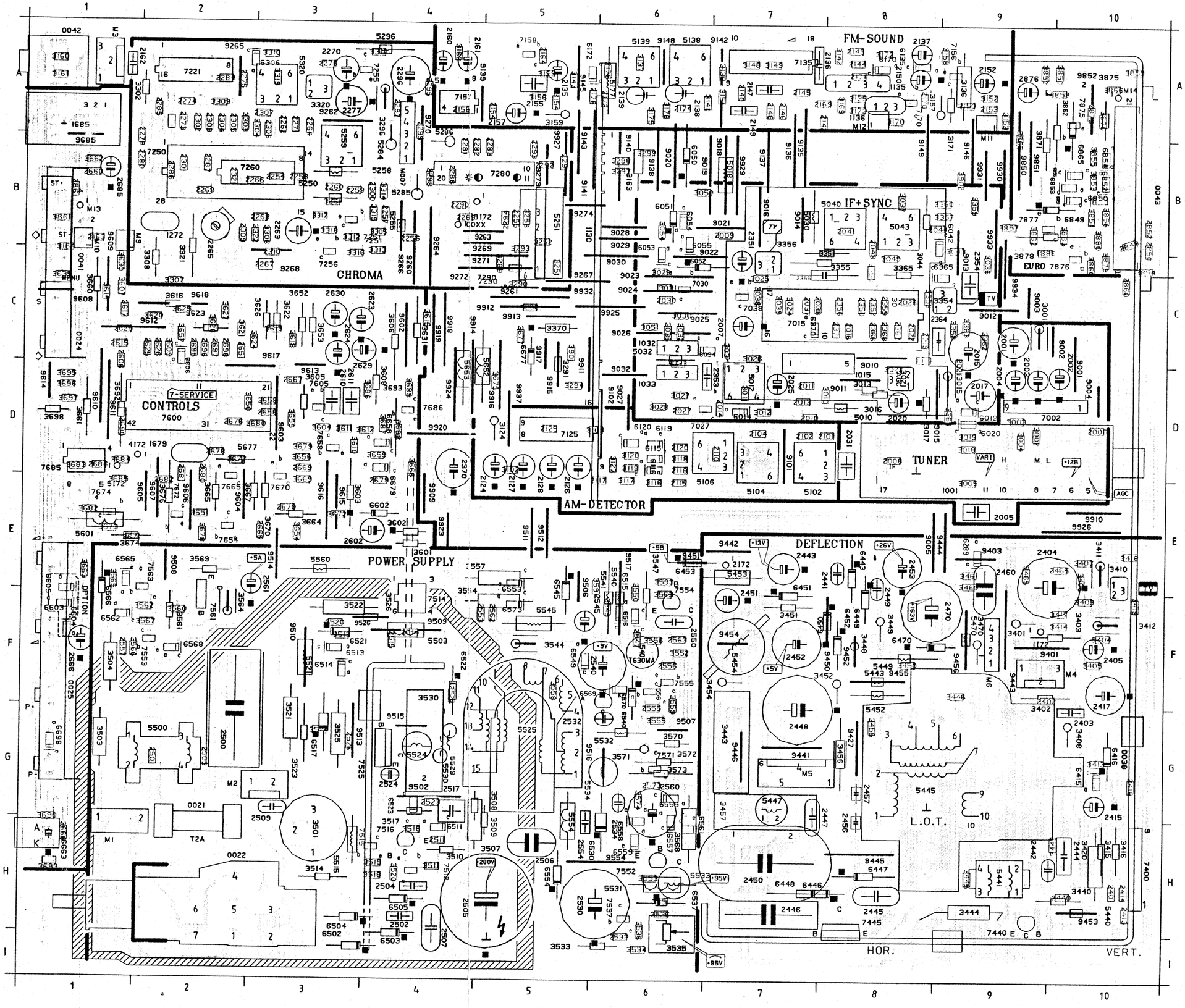
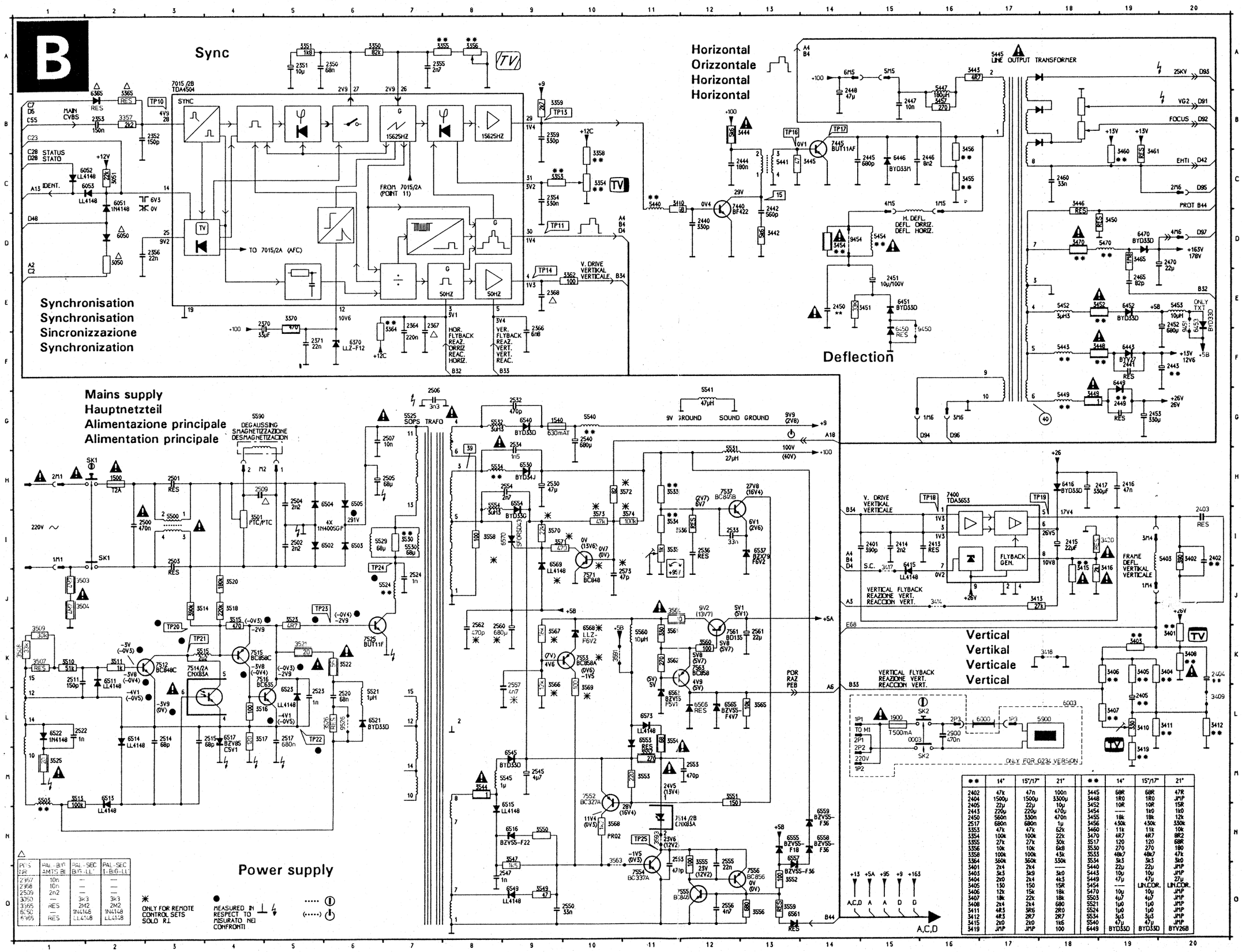
3668	D4	5653	D4	7512	H4	9513	G3
3669	E3	5677	D2	7514	E4	9514	E3
3670	E3	6014	D7	7515	H4	9515	G4
3671	E1	6019	D9	7516	H4	9516	G6
3672	E3	6020	D9	7525	G4	9517	F6
3673	E1	6034	C6	7537	H6	9526	F4
3674	E1	6042	B8	7552	H6	9554	H6
3675	D5	6050	B6	7553	F2	9602	C4
3676	E2	6051	B6	7554	F6	9603	D3
3677	C5	6052	C6	7555	F6	9604	E2
3678	E2	6053	C6	7556	F6	9605	E2
3679	D3	6054	B6	7561	E2	9606	E2
3680	D3	6055	B6	7563	E2	9607	E2
3682	E1	6115	D6	7571	G6	9608	C1
3683	D1	6116	D6	7600	D1	9609	C1
3684	D1	6119	D6	7605	D3	9610	D1
3685	E1	6120	D6	7654	E2	9611	D1
3686	D3	6135	A8	7658	D3	9612	C1
3687	D4	6170	A8	7665	D2	9613	D3
3688	D4	6172	A5	7670	D3	9614	D1
3689	D4	6289	E9	7672	E2	9615	E3
3690	G1	6306	A2	7674	E1	9616	E3
3692	D1	6365	C8	7685	D1	9617	D2
3693	D4	6370	C7	7686	D4	9618	C2
3695	D1	6415	G10	7875	A10	9685	B1
3696	D1	6416	G10	7876	C10	9850	B9
3697	D1	6443	E8	7877	B9	9851	B9
3698	D1	6446	H8	9001	C10	9852	A10
3699	H1	6447	H8	9002	C9	9909	E4
3850	A10	6448	H7	9003	C9	9910	E10
3851	B10	6449	F8	9004	D10	9911	D5
3852	A9	6450	F8	9005	E8	9912	C5
3853	B10	6451	F7	9010	C8	9913	C5
3854	C10	6452	F8	9011	D8	9914	D4
3855	B10	6453	E6	9012	C9	9915	D5
3856	B10	6470	F8	9013	B9	9916	D5
3857	B9	6502	I3	9014	B7	9917	C5
3858	A10	6503	I4	9015	D8	9918	C4
3859	A10	6504	H3	9016	B7	9919	C4
3860	C10	6505	H4	9018	B7	9920	D4
3861	B1	6511	H4	9019	B6	9923	E4
3862	A10	6513	F3	9020	B6	9924	D4
3865	A9	6514	F3	9021	B7	9925	C6
3866	A10	6515	F6	9022	C6	9926	E10
3871	B9	6516	F6	9023	C6	9927	B5
3875	A10	6517	G3	9024	C6	9929	B7
3876	A10	6521	F3	9025	C6	9930	B9
3878	B9	6522	F4	9026	C6	9931	B9
3879	C10	6523	G4	9027	D6	9932	C5
3880	B10	6530	H6	9028	B6	9933	B9
3881	B9	6537	H6	9029	B6	9934	C9
3882	B9	6540	F6	9030	C6	9937	D5
3883	B10	6545	E5	9032	D6	M1	H1
3901	C5	6549	F5	9101	D7	M2	G3
3902	B9	6553	E5	9102	D6	M3	A1
4010	D8	6554	H5	9135	B7	M4	F9
4012	D7	6555	G6	9136	B7	M5	G8
4018	B7	6557	G6	9137	B7	M6	F9
4030	B7	6558	G6	9138	B6	M7	A4
4032	C6	6559	H6	9139	A4	M9	B1
4040	B8	6561	H6	9140	B6	M10	B1
4043	B8	6562	F1	9141	B5	M11	A9
4102	D8	6565	E1	9142	A7	M12	A8
4104	D7	6566	E1	9143	B5	M13	B1
4106	D7	6568	F2	9145	A5	M14	A10
4138	A6	6569	F6	9146	B9	TP1	C7
4139	A6	6570	F6	9148	A6	TP2	B3
4177	A6	6573	F5	9149	B8	TP3	B2
4250	B3	6602	E4	9260	B4	TP4	B2
4251	C5	6603	F1	9261	C5	TP5	B5
4255	B4	6604	F1	9262	A3	TP6	B5
4258	B3	6605	E1	9263	B4	TP7	B4
4259	B3	6606	C2	9264	B4	TP8	B4
4284	B4	6658	D4	9265	A2	TP9	B4
4285	B4	6663	H1	9266	B4	TP10	C8
4286	B4	6677	C5	9267	C5	TP11	C9
4296	A4	6679	D4	9268	C3	TP12	A2
4320	A3	6698	G1	9269	B4	TP13	C8
4340	H10	6849	B9	9270	A4	TP14	C8
4341	H9	6850	B10	9271	C5	TP15	H9
4343	F8	6851	B10	9272	C5	TP16	H9
4345	G9	6852	B10	9273	B5	TP17	H8
4347	G7	6853	B10	9274	B5	TP18	H10
4349	F8	6854	B10	9401	F9	TP19	H10
4352	F8	6855	B10	9403	E9	TP20	H3
4353	E7	6865	A10	9427	G8	TP21	F4
4354	F7	7002	D10	9441	G7	TP22	H4
4370	F9	7015	C8	9442	E7	TP23	F3
4600	G1	7027	D6	9443	F9	TP24	G4
4603	F4	7030	C6	9444	E9	TP25	E4
4615	H3	7038	C7	9445	H8	TP26	C1
4621	F3	7125	D5	9446	G7	TP27	E1
4624	G4	7135	A7	9450	F8	TP28	D2
4625	G5	7156	A9	9451	E6	TP29	D2
4629	G4	7157	A4	9452	F8	TP30	D2
4630	G4	7158	A5	9453	H10	TP31	D2
4631	H6	7170	A8	9454	F7	TP32	D3
4632	G6	7221	A2	9455	F8	TP34	A6
4633	H6	7250	B2	9456	F9	TP35	A7
4634	G6	7251	B3	9502	G4	TP36	A7
4640	F6	7255	A3	9506	E5	TP37	B4
4641	F6	7256	C3	9507	G6		



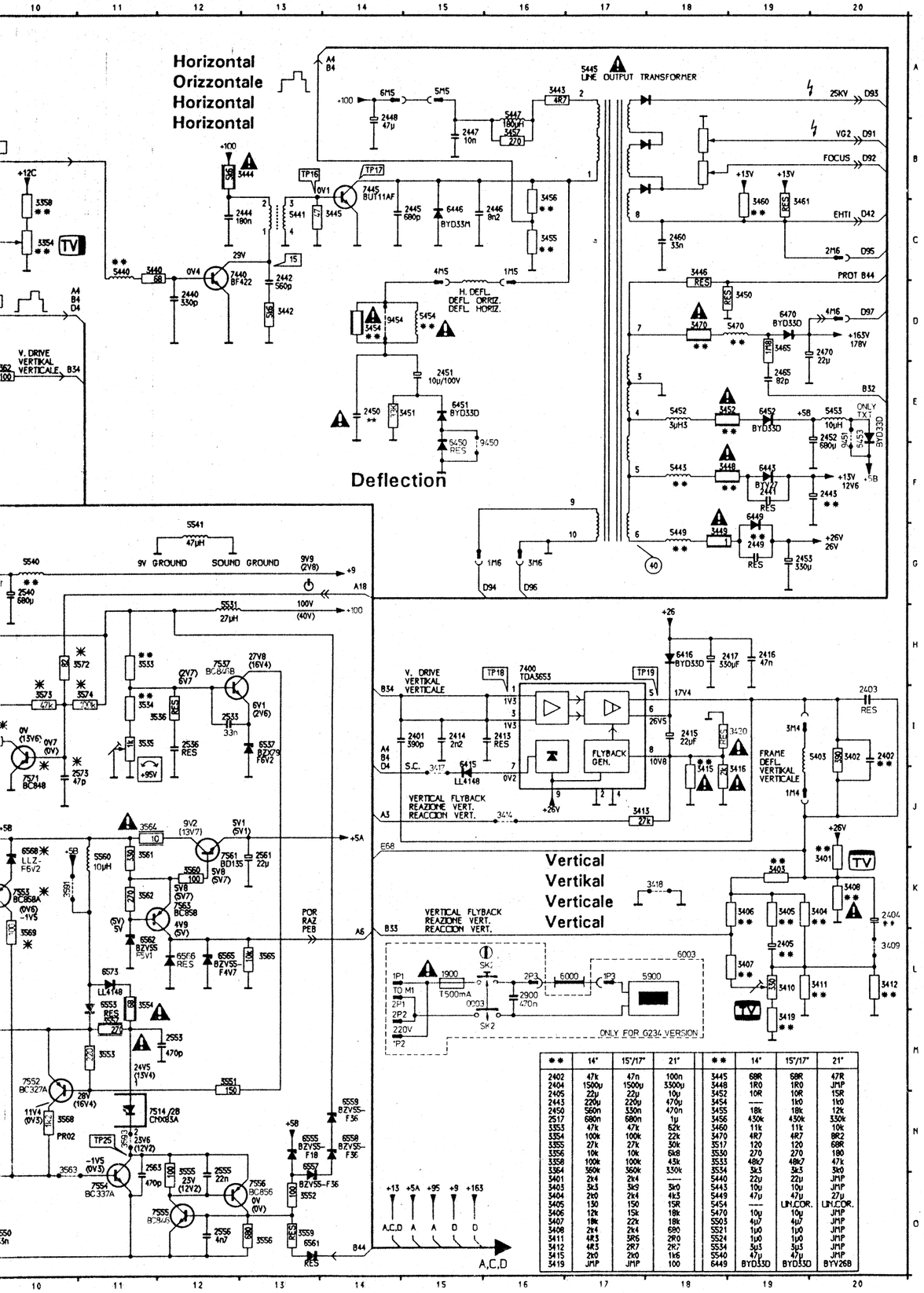


PAL-BG AM13-BI	PAL-BG B/G-LL	PAL-SEC B/G-LL	PAL-SEC L-B/G-LL
2497 10n	—	—	—
2498 10n	—	—	—
2509 2n2	—	—	—
3050 —	3k3	3k3	3k3
3365 RES	2M2	2M2	2M2
6550 —	1N4148	1N4148	1N4148
6565 RES	LL4148	LL4148	LL4148

**	14"	15"/17"	21"	**	14"	15"/17"	21"
2402	47k	47n	100n	3445	68R	68R	47R
2404	1500µ	1500µ	3300µ	3448	1R0	1R0	JMP
2405	22µ	22µ	10µ	3452	10R	10R	15R
2443	220µ	220µ	470µ	3454	—	1k0	1k0
2450	560n	330n	470n	3455	18k	18k	12k
2517	680n	680n	1µ	3456	430k	430k	330k
3353	47k	47k	62k	3460	11k	11k	10k
3354	100k	100k	22k	3470	4R7	4R7	8R2
3355	27k	27k	30k	3517	120	120	68R
3358	10k	10k	6k8	3530	270	270	180
3358	100k	100k	4k7	3533	48k7	48k7	47k
3364	560k	560k	330k	3534	3k3	3k3	3k0
3401	2k4	2k4	—	3440	22µ	22µ	JMP
3403	3k3	3k3	3k0	3443	10µ	10µ	JMP
3404	2k0	2k4	4k3	3449	47µ	47µ	27µ
3405	150	150	15R	3454	—	—	LIN.COR.
3406	12k	15k	18k	3470	10µ	10µ	JMP
3407	18k	22k	18k	5503	4µ7	4µ7	JMP
3408	2k4	2k4	680	5521	1µ0	1µ0	JMP
3411	4R3	3R6	2R0	5524	1µ0	1µ0	JMP
3412	4R3	2R7	2R7	5534	3µ3	3µ3	JMP
3415	2k0	2k0	1k6	5540	47µ	47µ	JMP
3419	JMP	JMP	100	6449	BYD33D	BYD33D	BYV26B

SK1	H2	3405	K19
SK1	I2	3406	K19
SK2	L16	3407	L19
1500	H2	3408	K20
1540	G9	3409	L20
1900	L15	3410	L19
2350	A6	3411	L20
2351	A5	3412	L20
2352	B3	3413	J17
2353	B2	3414	J16
2354	C9	3415	J18
2355	A7	3416	J19
2356	D3	3417	J15
2359	B9	3418	K18
2364	E7	3419	M19
2366	F9	3440	C11
2367	E7	3442	D13
2368	E9	3443	A16
2370	E5	3444	B13
2371	F5	3445	C14
2401	I15	3446	C18
2402	I20	3447	A16
2403	I20	3448	F19
2404	K20	3449	G18
2404	L20	3450	D19
2405	L19	3451	E15
2413	I16	3452	E19
2414	I15	3453	A15
2415	I18	3454	D14
2416	H19	3455	C16
2417	H19	3456	C16
2440	D12	3457	B16
2441	F19	3460	C19
2442	D13	3461	C19
2443	F20	3465	D19
2444	C13	3470	D18
2445	C15	3501	I4
2446	C16	3503	J1
2447	B15	3504	J1
2448	B14	3507	K1
2449	G19	3508	K1
2450	E14	3509	K1
2451	E15	3510	K1
2452	E20	3511	K2
2453	G19	3513	M1
2460	C18	3514	J3
2465	E19	3515	J4
2470	D20	3516	L4
2500	I2	3517	L4
2501	H3	3518	J4
2502	I5	3520	J4
2503	I3	3521	K5
2504	H5	3522	K6
2505	H7	3523	J5
2506	G7	3525	M1
2507	G7	3526	L6
2509	H4	3530	I7
2511	K1	3533	H11
2514	L3	3534	I11
2515	L4	3535	I11
2517	L5	3536	I12
2520	L6	3547	N9
2522	L1	3549	O9
2523	L5	3550	N9
2524	J7	3551	M12
2525	J6	3552	O13
2530	H9	3553	M11
2532	G9	3554	L11
2533	I12	3555	O12
2534	G9	3556	O13
2536	I12	3557	M11
2540	G10	3558	I8
2544	M8	3559	O13
2545	M9	3560	K12
2547	O9	3561	K11
2550	O10	3562	K11
2553	M12	3563	N10
2554	H9	3563	O10
2555	O12	3564	J11
2556	O12	3565	L13
2557	L8	3566	L9
2560	K8	3567	K9
2561	K13	3568	N10
2562	K8	3569	L10
2563	N11	3570	I9
2573	J11	3571	I9
2900	L16	3572	H11
3050	D2	3573	I10
3051	C2	3574	I11
3317	B2	3591	K10
3350	A6	3593	N11
3351	A5	5403	I20
3353	C9	5440	C11
3354	C10	5441	C13
3355	A8	5443	F18
3356	A8	5445	A17
3357	B2	5447	A16
3358	C10	5449	G18
3359	B9	5452	E18
3362	E10	5453	E20
3364	F7	5454	D15
3365	B2	5470	D19
3370	E5	5500	I3
3401	K20	5503	M1
3402	I20	5515	K3
3403	K19	5519	J5
3404	K20	5521	L6

Synchronisation / Synchronisierung /



**	14"	15"/17"	21"
2402	47k	47n	100n
2404	1500u	1500u	3300u
2405	22µ	22µ	10µ
2443	220u	220u	470µ
2450	560n	330n	470n
2517	680n	680n	1µ
3353	47k	47k	62k
3354	100k	100k	22k
3355	27k	27k	30k
3356	10k	10k	6k8
3358	100k	100k	43k
3364	360k	360k	330k
3401	2k4	2k4	----
3403	3k3	3k3	3k0
3404	2k0	2k4	4k3
3405	150	150	15R
3406	12k	15k	18k
3407	18k	22k	18k
3408	2k4	2k4	680
3411	4R3	3R9	2R0
3412	4R3	2R7	2R7
3415	2k0	2k0	1k6
3419	JMP	JMP	100

**	14"	15"/17"	21"
3445	68R	68R	47R
3448	1R0	1R0	JMP
3452	10R	10R	15R
3454	----	1k0	1k0
3455	18k	18k	12k
3456	430k	430k	330k
3460	11k	11k	10k
3470	4R7	4R7	8R2
3517	120	120	68R
3530	270	270	180
3533	48k7	48k7	47k
3534	3k3	3k3	3k0
5440	22u	22µ	JMP
5443	10u	10µ	JMP
5449	47µ	47µ	27µ
5454	----	LIN.COR.	LIN.COR.
5470	10µ	10µ	JMP
5503	4µ7	4µ7	JMP
5521	1µ0	1µ0	JMP
5524	1µ0	1µ0	JMP
5534	3µ3	3µ3	JMP
5540	47µ	47µ	JMP
6449	BYD33D	BYD33D	BYV26B

Synchronisation

SK1	H2	3405	K19	5524	J7
SK1	I2	3406	K19	5525	G7
SK2	L16	3407	L19	5529	I6
1500	H2	3408	K20	5530	I7
1540	G9	3409	L20	5531	H12
1900	L15	3410	L19	5532	G8
2350	A6	3411	L20	5534	H8
2351	A5	3412	L20	5540	G10
2352	B3	3413	J17	5541	G12
2353	B2	3414	J16	5545	M9
2354	C9	3415	J18	5554	H8
2355	A7	3416	J19	5560	K11
2356	D3	3417	J15	5900	L18
2359	B9	3418	K18	6000	L17
2364	E7	3419	M19	6003	L18
2366	F9	3440	C11	6050	D2
2367	E7	3442	D13	6051	C2
2368	E9	3443	A16	6052	C2
2370	E5	3444	B13	6053	C2
2171	F5	3445	C14	6365	B2
2101	I15	3446	C18	6370	F6
2102	I20	3447	A16	6415	J15
2103	I20	3448	F19	6416	H18
2104	K20	3449	G18	6443	H19
2104	L20	3450	D19	6446	C15
2105	L19	3451	E15	6450	F15
2113	I16	3452	E19	6451	E15
2114	I15	3453	A15	6452	E19
2115	I18	3454	D14	6453	E20
2116	H19	3455	C16	6470	D19
2117	H19	3456	C16	6502	I6
2140	D12	3457	B16	6503	I6
2141	F19	3460	C19	6504	H6
2142	D13	3461	C19	6505	H6
2143	F20	3465	D19	6511	K2
2144	C13	3470	D18	6513	M2
2145	C15	3501	I4	6514	L2
2146	C16	3503	J1	6515	N9
2147	B15	3504	J1	6516	N9
2148	B14	3507	K1	6517	L4
2149	G19	3508	K1	6521	L6
2150	E14	3509	K1	6522	L1
2151	E15	3510	K1	6523	L5
2152	E20	3511	K2	6530	H9
2153	G19	3513	M1	6537	I13
2160	C18	3514	J3	6540	G9
2165	E19	3515	J4	6545	M9
2170	D20	3516	L4	6549	O9
2500	I2	3517	L4	6553	L11
2501	H3	3518	J4	6554	H9
2502	I5	3520	J4	6555	N13
2503	I3	3521	K5	6557	N13
2504	H5	3522	K6	6558	N14
2505	H7	3523	J5	6559	N14
2506	G7	3525	M1	6561	O13
2507	G7	3526	L6	6562	L11
2509	H4	3530	I7	6565	L12
2511	K1	3533	H11	6566	L12
2514	L3	3534	I11	6568	K10
2515	L4	3535	I11	6569	I9
2517	L5	3536	I12	6570	I9
2520	L6	3547	N9	6573	L11
2522	L1	3549	O9	7015	A3
2523	L5	3550	N9	7400	H16
2524	J7	3551	M12	7440	C12
2525	J6	3552	O13	7445	B14
2530	H9	3553	M11	7512	K3
2532	G9	3554	L11	7514	N11
2533	I12	3555	O12	7514	K3
2534	G9	3556	O13	7515	K4
2536	I12	3557	M11	7516	K4
2540	G10	3558	I8	7525	K6
2544	M8	3559	O13	7537	H12
2545	M9	3560	K12	7552	M10
2547	O9	3561	K11	7553	K10
2550	O10	3562	K11	7554	O11
2553	M12	3563	N10	7555	O12
2554	H9	3563	O10	7556	O13
2555	O12	3564	J11	7561	K12
2556	O12	3565	L13	7563	K12
2557	L8	3566	L9	7571	J10
2560	K8	3567	K9	9450	F15
2561	K13	3568	N10	9451	E20
2562	K8	3569	L10	9454	D14
2563	N11	3570	I9	9526	L6
2573	J11	3571	I9		
2900	L16	3572	H11		
3150	D2	3573	I10		
3151	C2	3574	I11		
3317	B2	3591	K10		
3350	A6	3593	N11		
3351	A5	5403	I20		
3353	C9	5440	C11		
3354	C10	5441	C13		
3355	A8	5443	F18		
3356	A8	5445	A17		
3357	B2	5447	A16		
3358	C10	5449	G18		
3359	B9	5452	E18		
3362	E10	5453	E20		
3364	F7	5454	D15		
3365	B2	5470	D19		
3370	E5	5500	I3		
3101	K20	5503	M1		
3102	I20	5515	K3		
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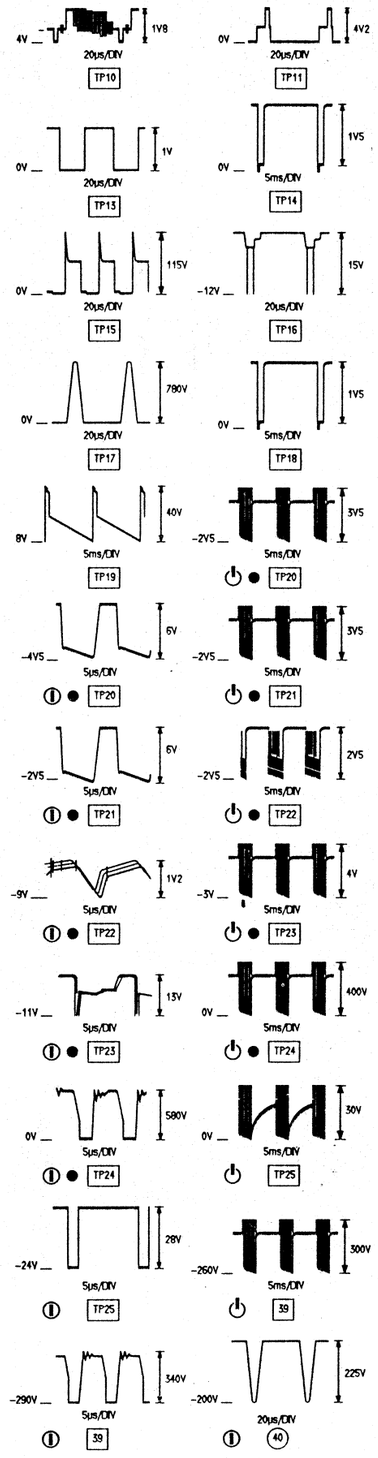
3104	K20	5521	L6		

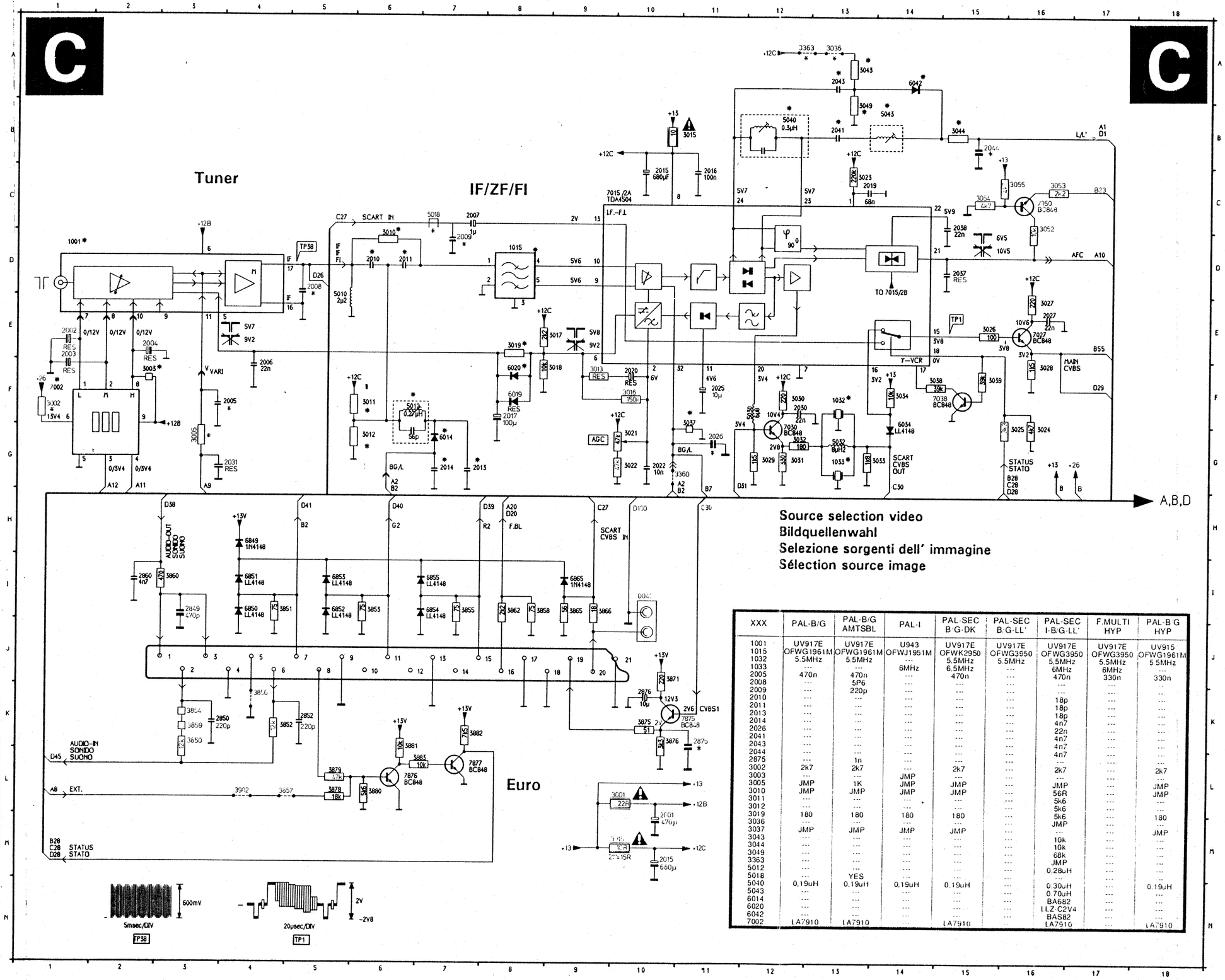


SOPS REPAIR KIT

SBC 7021
4822 310 20491

1500	6517
6502	6523
6503	7512
6504	7514
6505	7515
6511	7516
6513	7525
6514	

Tuner IF / ZF / FI — Source selection / Quellenwahl / Sélection de source



XXX	PAL-B/G	PAL-B/G AMTSBL	PAL-I	PAL-SEC B·G-DK	PAL-SEC B·G-LL'	PAL-SEC I-B/G-LL'	F.MULTI HYP	PAL-B·G HYP
1001	UV917E	UV917E	U943	UV917E	UV917E	UV917E	UV917E	UV915
1015	OFWG1961M	OFWG1961M	OFWJ1951M	OFWK2950	OFWG3950	OFWG3950	OFWG3950	OFWG1961M
1032	5.5MHz	5.5MHz	---	5.5MHz	5.5MHz	5.5MHz	5.5MHz	5.5MHz
1033	---	---	6MHz	6.5MHz	---	6MHz	6MHz	---
2005	470n	470n	---	470n	---	470n	330n	330n
2008	---	5P6	---	---	---	---	---	---
2009	---	220p	---	---	---	---	---	---
2010	---	---	---	---	---	18p	---	---
2011	---	---	---	---	---	18p	---	---
2013	---	---	---	---	---	18p	---	---
2014	---	---	---	---	---	4n7	---	---
2026	---	---	---	---	---	22n	---	---
2041	---	---	---	---	---	4n7	---	---
2043	---	---	---	---	---	4n7	---	---
2044	---	---	---	---	---	4n7	---	---
2875	---	1n	---	---	---	---	---	---
3002	2k7	2k7	---	2k7	---	2k7	---	2k7
3003	---	---	JMP	---	---	---	---	---
3005	JMP	1K	JMP	JMP	---	JMP	---	JMP
3010	JMP	JMP	JMP	JMP	---	56R	---	JMP
3011	---	---	---	---	---	5k6	---	---
3012	---	---	---	---	---	5k6	---	---
3019	180	180	180	180	---	5k6	---	180
3036	---	---	---	---	---	JMP	---	---
3037	JMP	JMP	JMP	JMP	---	---	---	JMP
3043	---	---	---	---	---	10k	---	---
3044	---	---	---	---	---	10k	---	---
3049	---	---	---	---	---	68k	---	---
3363	---	---	---	---	---	JMP	---	---
5012	---	---	---	---	---	0.28uH	---	---
5018	---	YES	---	---	---	---	---	---
5040	0,19uH	0,19uH	0,19uH	0,19uH	---	0.30uH	---	0,19uH
5043	---	---	---	---	---	0.70uH	---	---
6014	---	---	---	---	---	BA682	---	---
6020	---	---	---	---	---	LLZ·C2V4	---	---
6042	---	---	---	---	---	BAS82	---	---
7002	LA7910	LA7910	---	LA7910	---	LA7910	---	LA7910

0041 I10
1001 D1
1015 D8
1032 F13
1033 G13
2001 M10
2001 C3
2002 E1
2003 F1
2004 E2
2005 F4
2006 F4
2007 C7
2008 D5
2009 D7
2010 D6
2011 D6
2012 E6
2013 G7
2014 G7
2015 M10
2015 C10
2016 C11
2017 F8
2018 G8
2019 C13
2020 F10
2022 G10
2025 F11
2026 G11
2027 E16
2030 F12
2031 G5
2037 D15
2038 C15
2041 B13
2043 A13
2044 B15
2850 K30
2852 K5
2860 I2
2876 K10
3001 L10
3001 C3
3002 F1
3002 G1
3003 F2
3005 G3
3010 D6
3011 F6
3012 G6
3013 F10
3013 F9
3015 B11
3015 M10
3016 F9
3016 F10
3017 E9
3018 F9
3019 E8
3021 G10
3022 G10
3023 C13
3024 G16
3025 G16
3026 E15
3027 E16
3028 F16
3029 G12
3030 F12
3031 G12
3032 G12
3033 G13
3034 F14
3036 A13
3037 F11
3038 F14
3039 F15
3043 A13
3044 B15
3049 B13
3052 D16
3053 C16
3054 C15
3055 C15
3360 G10
3363 A12
3850 K3
3851 I4
3852 K5
3853 I6
3855 I7
3856 K4
3857 L4
3858 I8
3860 I3
3862 I8
3865 I9
3866 I9
3871 J10
3875 K10
3876 K10
3878 L5
3879 L5
3880 L6
3881 L6
3882 K7
3883 L7
3902 L4
5010 E5
5012 F6
5018 C7
5030 F12
5032 G13
5040 B12
5043 B14
6014 G7
6019 F8
6020 F8
6034 F14
6042 A14
6849 H4
6850 I4
6851 I4
6852 I5
6853 I5
6854 I7
6855 I7
6865 I9
7002 F1
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7038 F15
7039 F15
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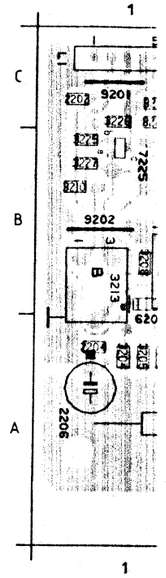
7875 K11
7876 L6
7877 L7



1235 B2
2202 C1
2204 A1
2206 A1
2217 C3
2230 C2
2237 A4
3202 A1
3203 A2
3204 A1
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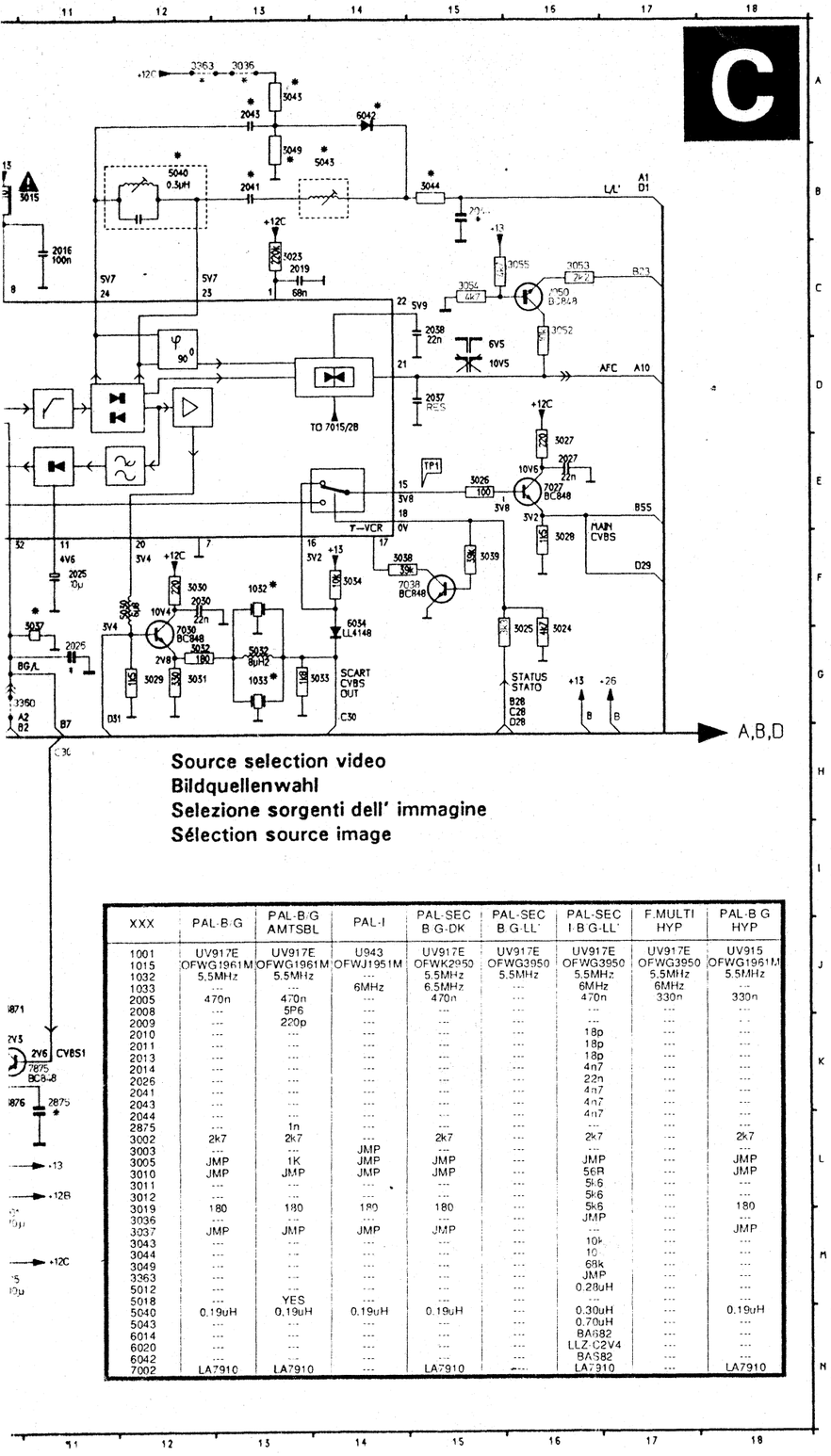
3215



XXX	PAL-B/G	PAL-B/G AMTSBL	PAL-I	PAL-SEC B/G-DK	PAL-SEC B/G-LL'	PAL-SEC I/B/G-LL'	F.MULTI HYP	PAL-B/G HYP
1001	UV917E	UV917E	U943	UV917E	UV917E	UV917E	UV917E	UV915
1015	OFWG1961M	OFWG1961M	OFWJ1951M	OFWK2950	OFWG3950	OFWG3950	OFWG3950	OFWG1961M
1032	5.5MHz	5.5MHz	---	5.5MHz	5.5MHz	5.5MHz	5.5MHz	5.5MHz
1033	---	---	6MHz	6.5MHz	---	6MHz	6MHz	---
2005	470n	470n	---	470n	---	470n	330n	330n
2008	---	5P6	---	---	---	---	---	---
2009	---	220p	---	---	---	---	---	---
2010	---	---	---	---	---	18p	---	---
2011	---	---	---	---	---	18p	---	---
2013	---	---	---	---	---	18p	---	---
2014	---	---	---	---	---	4n7	---	---
2026	---	---	---	---	---	22n	---	---
2041	---	---	---	---	---	4n7	---	---
2043	---	---	---	---	---	4n7	---	---
2044	---	---	---	---	---	4n7	---	---
2875	---	1n	---	---	---	---	---	---
3002	2k7	2k7	---	2k7	---	2k7	---	2k7
3003	---	---	JMP	---	---	---	---	---
3005	JMP	1K	JMP	JMP	---	JMP	---	JMP
3010	JMP	JMP	JMP	JMP	---	56R	---	JMP
3011	---	---	---	---	---	5k6	---	---
3012	---	---	---	---	---	5k6	---	---
3019	180	180	180	180	---	5k6	---	180
3036	---	---	---	---	---	JMP	---	---
3037	JMP	JMP	JMP	JMP	---	---	---	JMP
3043	---	---	---	---	---	10k	---	---
3044	---	---	---	---	---	10	---	---
3049	---	---	---	---	---	68k	---	---
3363	---	---	---	---	---	JMP	---	---
5012	---	---	---	---	---	0.28uH	---	---
5018	---	YES	---	---	---	---	---	---
5040	0.19uH	0.19uH	0.19uH	0.19uH	---	0.30uH	---	0.19uH
5043	---	---	---	---	---	0.70uH	---	---
6014	---	---	---	---	---	BA682	---	---
6020	---	---	---	---	---	LLZ-C2V4	---	---
6042	---	---	---	---	---	BA582	---	---
7002	LA7910	LA7910	---	LA7910	---	LA7910	---	LA7910

0041 I10
1001 D1
1015 D8
1032 F13
1033 G13
2001 M10
2001 C3
2002 E1
2003 F1
2004 E2
2005 F4
2006 F4
2007 C7
2008 D5
2009 D7
2010 D6
2011 D6
2012 E6
2013 G7
2014 G7
2015 M10
2015 C10
2016 C11
2017 F8
2018 G8
2019 C13
2020 F10
2022 G10
2025 F11
2026 G11
2027 E16
2030 F12
2031 G5
2037 D15
2038 C15
2041 B13
2043 A13
2044 B15
2850 K30
2852 K5
2860 I2
2876 K10
3001 L10
3001 C3
3002 F1
3002 G1
3003 F2
3005 G3
3010 D6
3011 F6
3012 G6
3013 F10
3013 F9
3015 B11
3015 M10
3016 F9
3016 F10
3017 E9
3018 F9
3019 E8
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3022 G10
3023 C13
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3027 E16
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3034 F14
3036 A13
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3851 I4
3852 K5
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3857 L4
3858 I8
3860 I3
3862 I8
3865 I9
3866 I9
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3875 K10
3876 K10
3878 L5
3879 L5
3880 L6
3881 L6
3882 K7
3883 L7
3902 L4
5010 E5
5012 F6
5018 C7
5030 F12
5032 G13
5040 B12
5043 B14
6014 G7
6019 F8
6020 F8
6034 F14
6042 A14
6849 H4
6850 I4
6851 I4
6852 I5
6853 I5
6854 I7
6855 I7
6865 I9
7002 I1
7015 C9
7027 E16
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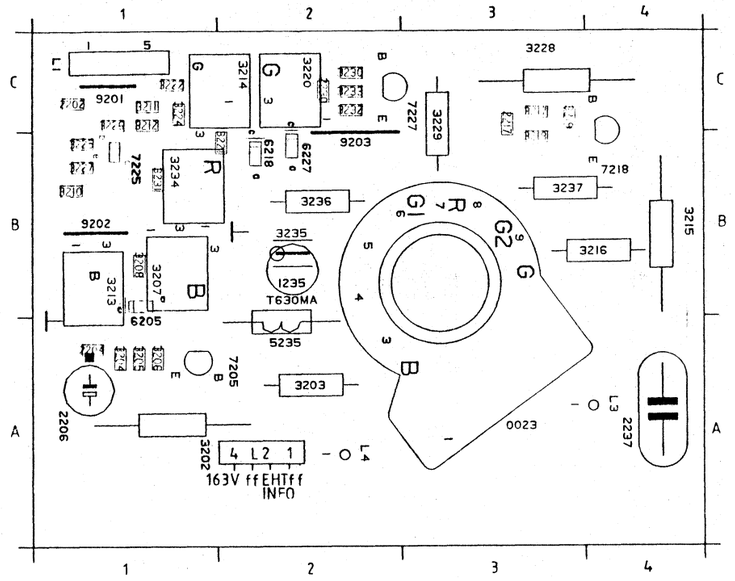
7050 C16
7875 K11
7876 L6
7877 L7



1235 B2
2202 C1
2204 A1
2206 A1
2217 C3
2230 C2
2237 A4
3202 A1
3203 A2
3204 A1
3205 A1
3206 A1
3207 B1
3208 B1
3210 B1
3211 C1
3212 C1
3213 A1
3214 C2
3215 B4
3216 B4
3217 C3
3218 B3
3219 C3
3220 C2
3221 B2
3222 C1
3224 C1
3226 C1
3227 B1
3228 C3
3229 C3
3230 C2
3231 B1
3232 C2
3233 C2
3234 B1
3235 B2
3236 B2
3237 B3
5235 A2
6205 B1
6218 B2
6227 B2
7205 A1
7218 C4
7225 B1
7227 C2
9201 C1
9202 B1
9203 C2
L1 C1
L2 A2
L3 A4
L4 A2

Δ

POS. NR.	SYSTEM BG	PAL-BG AMTSBL	SYSTEM I	SYSTEM BGDK	SYSTEM BGLL'	SYSTEM BGI LL'
1135	SFT5.5MHz	SFT5.5MHz	SFT6.0MHz	SFT5.5MHz	SFT5.5MHz	SFT5.5MHz
1136	---	---	820P	SFT6.5MHz	---	SFT6.0MHz
2138	1n	1n	---	1n	1n	820p
2139	---	---	---	820p	---	---
2144	---	1n2	---	---	---	---
2154	---	10n	---	---	---	---
2170	---	---	---	---	---	10n
2171	---	---	---	JMP	---	4n7
2172	---	---	---	---	---	100
2174	---	---	---	---	---	180p
2175	---	---	---	---	---	1n5
2176	---	---	---	---	---	10n
2288	---	---	---	---	---	---
3137	---	---	---	JMP	---	---
3141	---	---	---	---	3k3	3k3
3170	---	---	---	---	---	47k
3171	---	---	---	---	---	4k7
3172	---	---	---	---	---	4k7
3173	---	---	---	620	---	620
3175	---	---	---	---	---	1k0
5139	---	---	---	0.75uH	---	---
5177	---	---	---	---	---	100uH
5255	JMP	JMP	JMP	JMP	JMP	JMP
6170	---	---	---	JMP	---	BAS82
6172	---	---	---	---	---	BAS82
7170	---	---	---	---	---	BC848
9148	JMP	JMP	JMP	---	JMP	JMP

D

ONLY PAL SETS
SOLO PAL

Video control
Video-Controller
Controllo video
Commande image

Chroma

Chrominance processing
Crominanz-Prozessor
Processore della crominanza
Traitement chrominance

AM-detector

Sound processing
Ton-Prozessor
Processore del suono
Traitement son

FM

Video control
Video-Controller
Controllo video
Commande image

CRT PANEL/ AMPL. RVB/ AMPL. RGB

AM-detector

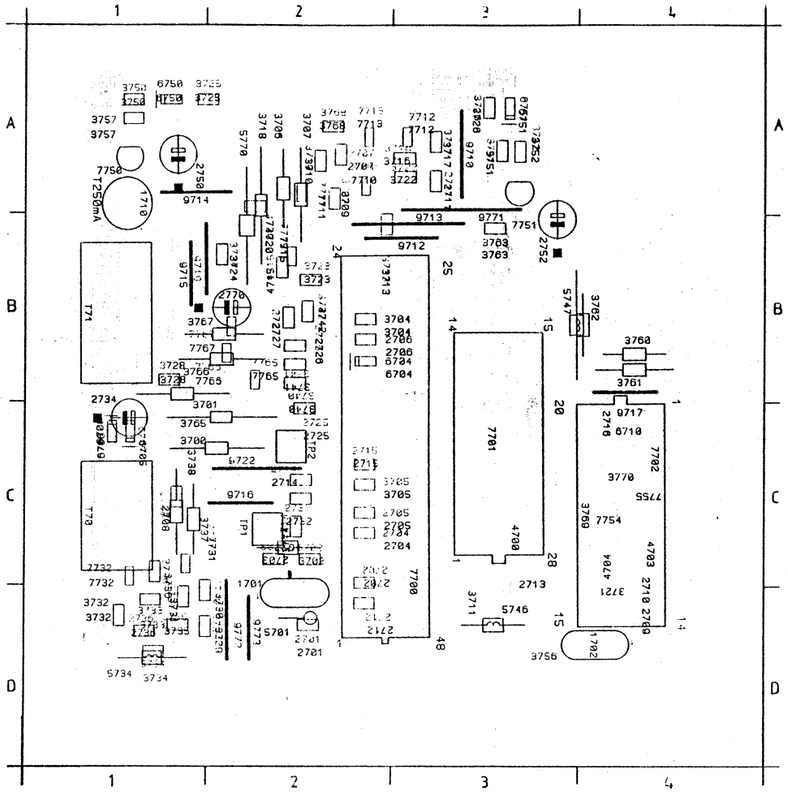
Sound processing
Ton-Prozessor
Processore del suono
Traitement son

FM-sound

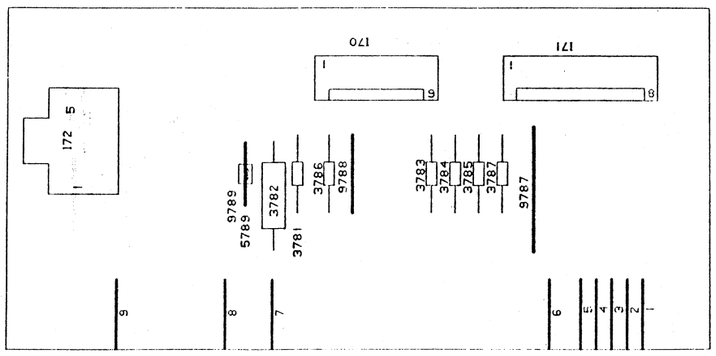
1) ONLY FOR 21"

ONLY Q232 VERSION

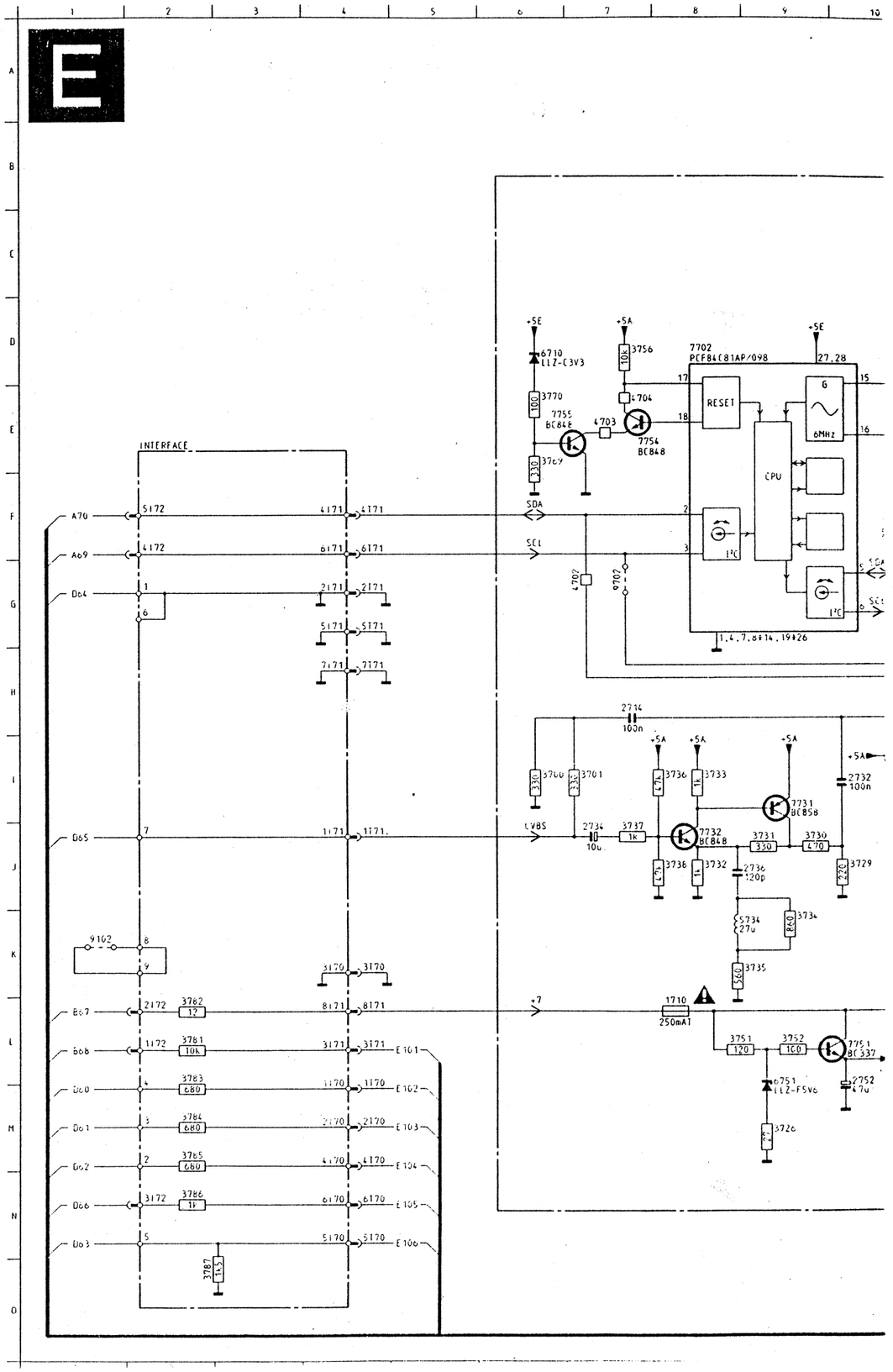
Teletext / Videotext / Télétexte



1702	D4	2727	B2	3717	A3	3741	B2	4715	B2	7713	A2	9771	A3
1710	A1	2732	C2	3718	A2	3742	B2	4720	A2	7715	B2	9772	D2
2701	D2	2734	C1	3721	D4	3750	A1	5701	D2	7731	C1	9773	D2
2702	D2	2736	D1	3722	A3	3751	A3	5704	C2	7732	C1	T70	C1
2703	C2	2750	A1	3723	B2	3752	A3	5734	D1	7750	A1	T71	B1
2704	C2	2752	A3	3724	B2	3756	D3	5746	D3	7751	A3	TP1	C2
2705	C2	2770	B2	3725	A2	3757	A1	5747	B4	7754	C4	TP2	C2
2706	B2	3700	C2	3726	A3	3760	B4	5770	B2	7755	C4		
2707	A2	3701	B1	3728	B1	3761	B4	6704	B2	7765	B2		
2708	C1	3702	C2	3729	D2	3762	B4	6705	C1	7766	B2		
2709	D4	3704	B2	3730	D2	3763	B3	6706	C1	7767	B2		
2710	D4	3705	C2	3731	D1	3765	C2	6710	C4	9710	A3		
2711	A3	3706	A2	3732	D1	3766	B2	6750	A1	9712	B3		
2712	D2	3707	A2	3733	D1	3767	B2	6751	A3	9713	A3		
2713	C3	3709	A2	3734	D1	3768	A2	7700	C2	9714	A1		
2714	C2	3710	A2	3735	D1	3769	C4	7701	C3	9715	B1		
2715	C2	3711	D3	3736	C1	3770	C4	7702	C4	9716	C2		
2716	C4	3713	B2	3737	C1	4700	C3	7710	A2	9717	B4		
2725	C2	3714	C2	3738	C1	4703	C4	7711	A2	9719	B2		
2726	B2	3716	A3	3740	B2	4704	C4	7712	A3	9722	C2		



Teletext / Videotext / Télétexte



E

E

Teletext
Videotext
Télétexte

INTERFACE

RAM

CPU

1702 4MHz 6MHz

7700 SAA5246

7701

7702 PCF84C81AP/09B

7731 BC858

7732 BC848

7751 BC337

7750 BC337

7754 BC848

7755 BC848

7765 BC848

7766 BC848

7767 BC848

7710 BC848

7711 BC848

7713 BC846

7715 BC848

6710 LLZ-C3V3

6751 LLZ-F5V6

6750 LLZ-F5V6

6704 LLZ-F3V0

6705 LL4148

6706 LL4148

1701 RW43 27MHz

1710 250mA!

A70 A69 D64 D65 D67 D68 D60 D61 D62 D66 D63

SDA SCL CVBS

+5A +5D +5E +5V

-TXT FBL-IN NIL

R-2 G-2 B-2

E101 E102 E103 E104 E105 E106

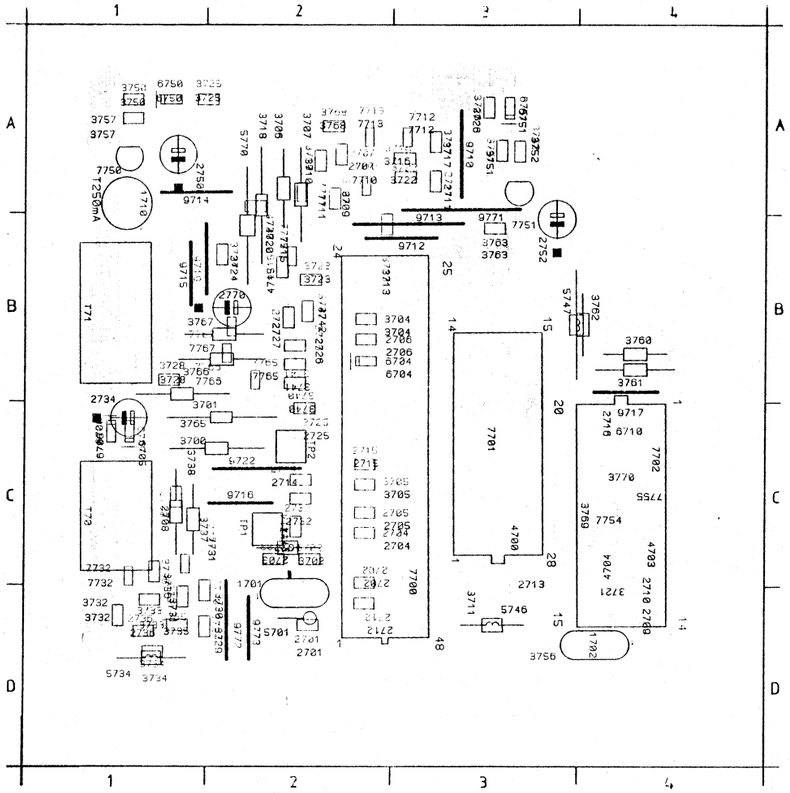
A+B+D

ANUBIS A

CL26532161/012.EREF
300392

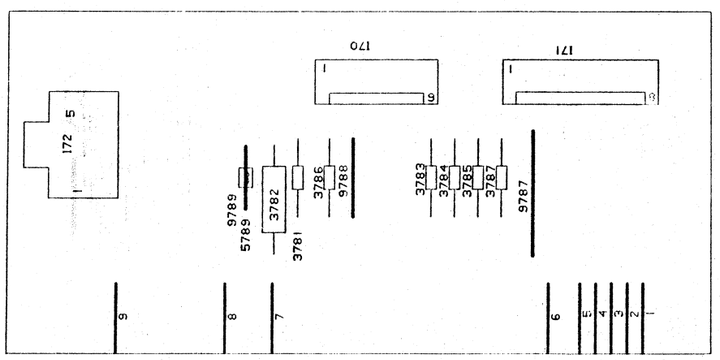
1701 J15, 7766 G17
1702 E10 7767 H17
1710 L 8 9702 K1
2701 J14 9702 G7

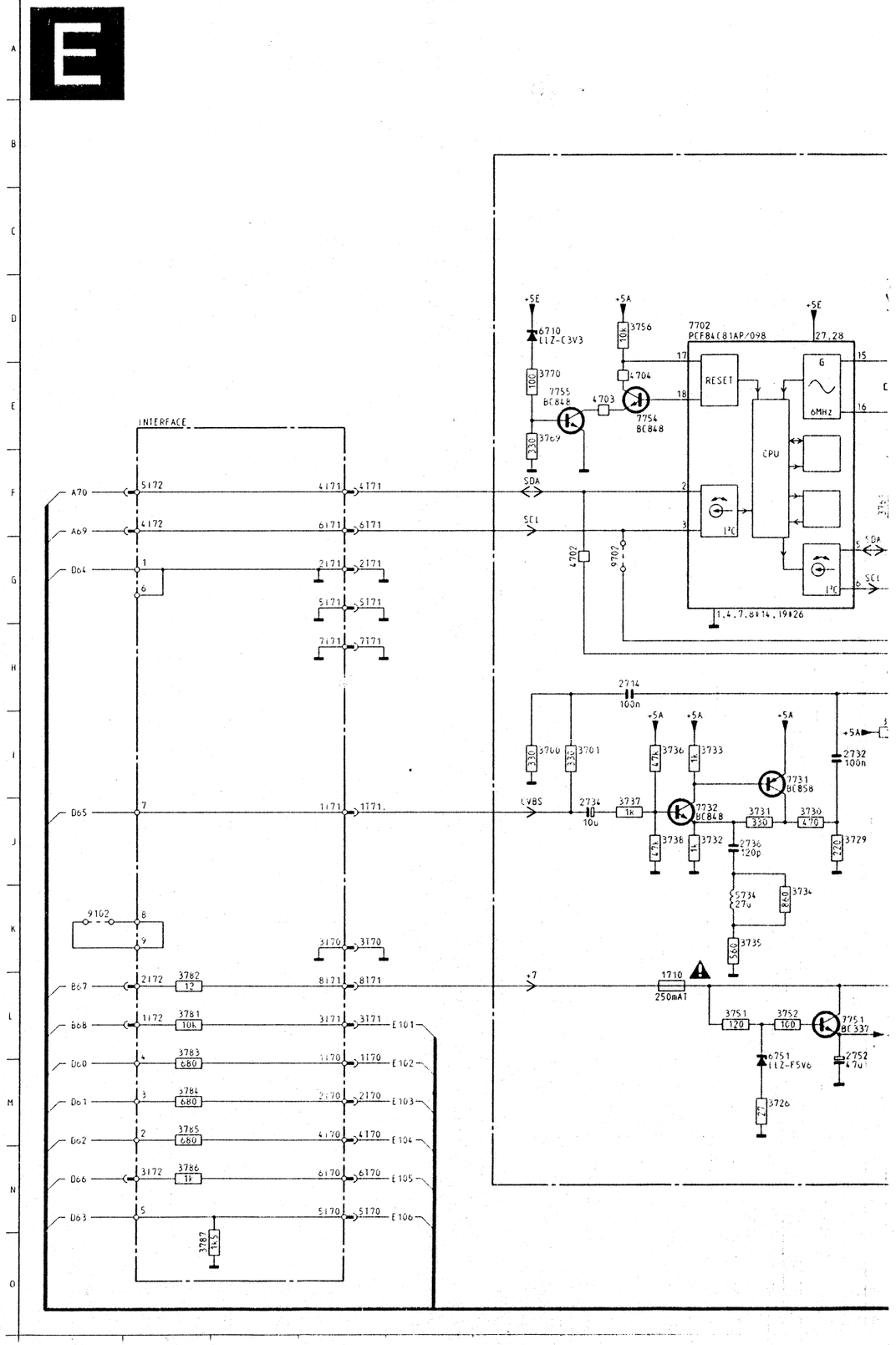
Teletext / Videotext / Télétexte



1702	D4	2727	B2	3717	A3	3741	B2
1710	A1	2732	C2	3718	A2	3742	B2
2701	D2	2734	C1	3721	D4	3750	A1
2702	D2	2736	D1	3722	A3	3751	A3
2703	C2	2750	A1	3723	B2	3752	A3
2704	C2	2752	A3	3724	B2	3756	D3
2705	C2	2770	B2	3725	A2	3757	A1
2706	B2	3700	C2	3726	A3	3760	B4
2707	A2	3701	B1	3728	B1	3761	B4
2708	C1	3702	C2	3729	D2	3762	B4
2709	D4	3704	B2	3730	D2	3763	B3
2710	D4	3705	C2	3731	D1	3765	C2
2711	A3	3706	A2	3732	D1	3766	B2
2712	D2	3707	A2	3733	D1	3767	B2
2713	C3	3709	A2	3734	D1	3768	A2
2714	C2	3710	A2	3735	D1	3769	C4
2715	C2	3711	D3	3736	C1	3770	C4
2716	C4	3713	B2	3737	C1	4700	C3
2725	C2	3714	C2	3738	C1	4703	C4
2726	B2	3716	A3	3740	B2	4704	C4

4715	B2	7713	A2	9771	A3
4720	A2	7715	B2	9772	D2
5701	D2	7731	C1	9773	D2
5704	C2	7732	C1	T70	C1
5734	D1	7750	A1	T71	B1
5746	D3	7751	A3	TP1	C2
5747	B4	7754	C4	TP2	C2
5770	B2	7755	C4		
6704	B2	7765	B2		
6705	C1	7766	B2		
6706	C1	7767	B2		
6710	C4	9710	A3		
6750	A1	9712	B3		
6751	A3	9713	A3		
7700	C2	9714	A1		
7701	C3	9715	B1		
7702	C4	9716	C2		
7710	A2	9717	B4		
7711	A2	9719	B2		
7712	A3	9722	C2		





Teletext
Videotext
Télétexte

INTERFACE

7702 PCF84C81AP/098

7700 SAA5246

7701 RAM

ANUBIS A

CL26532161/012.EREF
300392

1701 J15 7766 G17
1702 E10 7767 H17
1710 L 8 9102 K1
2701 J14 9702 G7
2702 J15
2703 K15
2704 J13
2705 I12
2706 I11
2707 L18
2708 M18
2709 D11
2710 E11
2711 K16
2712 I14
2713 C17
2714 H 7
2715 I12
2716 M13
2725 G17
2726 H17
2727 H17
2732 I10
2734 J 7
2736 J 8
2750 M12
2752 M10
2770 F19
3333 K15
3700 I 6
3701 I 7
3704 M16
3705 I12
3706 I10
3707 I17
3709 K17
3710 K18
3711 E16
3713 K17
3714 I13
3716 M16
3717 L16
3718 M18
3721 E11
3722 L16
3723 J17
3724 I18
3725 M11
3726 M 9
3728 J18
3729 J10
3730 J 9
3731 J 9
3732 J 8
3733 I 8
3734 K 9
3735 K 9
3736 I 8
3737 J 7
3738 J 8
3740 G17
3741 G17
3742 H17
3750 L11
3751 I 8
3752 L 9
3756 D 7
3757 L11
3760 F10
3761 F10
3765 G19
3766 H19
3767 H19
3768 L18
3769 E, 6
3770 E 6
3781 L 2
3782 L 2
3783 L 2
3784 M 2
3785 M 2
3786 N 2
3787 O 2
4700 C15
4702 G 7
4703 E 7
4704 E 7
4715 I18
4720 K19
5701 J15
5704 J13
5734 K 8
5746 C16
5747 M12
5770 F18
6704 I10
6705 J19
6706 I19
6710 D 6
6750 M11
6751 M 9
7700 F11
7701 C11
7702 D 8
7710 K18
7711 K19
7712 L17
7713 L17
7715 J18
7731 I 9
7732 J 8
7750 L12
7751 L10
7754 E 7
7755 E 7
7765 F17

Elektrische Abgleicharbeiten

1. Einstellungen auf der Hauptplatine

1.1 +100 V Versorgungsspannung (Abb. 7)
Ein Voltmeter (Gleichstrombereich) zwischen Pin 6 des Anschlusses M5 und Masse schalten. Mit Hilfe des Potentiometers 3535 die Spannung auf +100 V (14-17"), 92,5V (21") einstellen.

1.2 Horizontale Synchronisierung
Pin 8 und 28 von IC7015 kurzschließen. Ein Antennensignal einspeisen und das Gerät einregeln. Potentiometer 3356 betätigen, bis das Bild gerade liegt. Die Kurzschlußverbindung entfernen.

1.3 Horizontale Bildlage
Mit Hilfe von Potentiometer 3354 einzustellen.

1.4 Vertikale Bildlage
Falls notwendig durch den Einbau des Widerstands 3401 oder 3408 einzustellen.

1.5 Bildhöhe
Mit Hilfe von Potentiometer 3410 einzustellen.

1.6 Fokussierung
Mit Hilfe des Fokuspotentiometers am Zeilentransformator einzustellen (Siehe Abb. 8).

1.7 MF-Filter für PAL/SECAM-BGLL'- oder PAL/SECAM-BGLL'I-Geräte (Siehe Abb. 7)
Einen Signalgenerator (z.B. PM 5326) über einen Kondensator von 5p6 an Pin 17 des Tuners anschließen und die Frequenz auf 33,4 MHz einstellen. Ein Oszilloskop an Pin 1 des Filters 1015 anschließen. Das Gerät einschalten und mit Hilfe der Normwahltaste die Norm Europe wählen. Regler 5012 auf eine minimale Amplitude einstellen.

1.8 AFC (Autom. Scharfabstimmung)

a. Einstellung für PAL/SECAM-BGLL'- oder PAL/SECAM-BGLL'I-Geräte
Einen Signalgenerator (z.B. PM 5326) über einen Kondensator von 5p6 an Pin 17 des Tuners anschließen und die Frequenz auf 33,4 MHz einstellen. Das Gerät im VHF1-Bereich auf eine Abstimmspannung von ungefähr 5 V an Pin 11 des Tuners einstellen (die automatische Abstimmung des Geräts läßt sich durch Drücken der Taste P+ oder P- ausschalten). Mit Hilfe der Normwahltaste am Gerät die Norm France wählen. Ein Voltmeter an Pin 21 von IC7015 anschließen. Mit Hilfe des Reglers 5040 die Spannung auf 6 V (Gleichspannung) einstellen.
Anschließend die Frequenz des Signalgenerators auf 38,9 MHz einstellen. Am Gerät die Norm Europe wählen. Mit Hilfe des Reglers 5043 die Spannung auf 6 V (Gleichspannung) einstellen.

b. Einstellung für PAL-BG-, PAL/SECAM-BG-, PAL/SECAM-BGDK- oder PAL-I-Geräte
Einen Signalgenerator (z.B. PM 5326) über einen Kondensator von 5p6 an Pin 17 des Tuners anschließen und die Frequenz auf 38,9 MHz einstellen. Ein Voltmeter an Pin 21 von IC7015 anschließen. Mit dem Regler 5040 die Spannung auf 6 V (Gleichspannung) einstellen.

1.9 H.F.-A.V.R.
Bei verzerrter Bildwiedergabe eines starken örtlichen Senders Potentiometer 3021 einstellen, bis das Bild unverzerrt wiedergegeben wird.

1.10 Chroma-Bandpaß für PAL/SECAM-Geräte
Einen Signalgenerator (z.B. PM 5326) an Pin 20 des Euro-AV-Anschlusses anschließen und die Frequenz auf 4,286 MHz einstellen. Pin 8 des Euro-A/V-Anschlusses und Pin 27 von IC7250 mit Pin 13 von IC7250 (+12 V) verbinden. Ein Oszilloskop an Pin 15 von IC7250 anschließen.
Regler 5259 auf eine maximale Amplitude einstellen.
Die Kurzschlußverbindungen entfernen.

1.11 Chroma-Hilfsoszillator
Ein PAL-Farbbalkenmuster einspeisen. Pin 11 von IC7260 (TDA4510) oder Pin 17 von IC7250 (TDA4650) mit Masse verbinden. Regler 2265 so einstellen, daß die Farbe auf dem Bildschirm zum Stillstand kommt. Die Kurzschlußverbindung entfernen.

1.12 SECAM-Demodulatoren für PAL/SECAM-Geräte
Ein SECAM-Schwarzmuster einspeisen. Ein Oszilloskop an Pin 1 von IC7250 anschließen. Regler 5320 auf eine minimale Amplitude einstellen. Das Oszilloskop an Pin 3 von IC7250 anschließen. Regler 3320 auf eine minimale Amplitude einstellen.

1.13 Der FM-Tonteil

a. Grundeinstellung
Ein PAL-BG-Generatorsignal (PAL I für PAL-I-Geräte), bei dem der Tonträger (FM) mit einer Frequenz von 1 KHz moduliert wird, einspeisen. Den Generator auf Mono-Tonwiedergabe einstellen. Das Gerät abstimmen und -falls möglich - die Norm Europe wählen.
Regler 5138 auf maximale Tonwiedergabe einstellen.

b. Zusätzliche Einstellung für PAL/SECAM-BGDK-Geräte
Den Signalgenerator nach der Grundeinstellung (siehe unter a.) auf SECAM-DK umschalten.
Regler 5139 auf maximale Tonwiedergabe einstellen.

1.14 Der AM-Tonteil für PAL/SECAM-BGLL'- oder PAL/SECAM-BGLL'I- Geräte
Mit Hilfe eines Labornetzteils an Pin 3 von IC7125 eine Festspannung von +2 V einspeisen. Einen Signalgenerator (z.B. PM 5326) über einen Kondensator von 5p6 an Pin 17 des Tuners anschließen, die Frequenz auf 32,4 MHz einstellen und die Amplitude des Signals mit einer Frequenz von 1 kHz modulieren.
Das Gerät im UHF-Bereich abstimmen. Mit Hilfe der Normwahl am Gerät die Norm France wählen.
Zuerst den Regler 5106 auf maximale Tonwiedergabe einstellen. Anschließend den Regler 5104 auf maximale Tonwiedergabe einstellen. Die Frequenz des Signalgenerators auf 30,9 MHz einstellen und die Amplitude des Signals mit einer Frequenz von 1 MHz modulieren.
Regler 5102 auf minimale Tonwiedergabe einstellen.
Die Versorgungsspannung an Pin 3 entfernen.

2. Einstellungen auf der Bildröhrenplatine (Abb. 9)

2.1 Sperrpunkte der Bildröhre
Ein schwarzes Bildmuster einspeisen. Den Kontrast auf ein Minimum einstellen. Die Helligkeit so einstellen, daß die Gleichspannung über Potentiometer 3213 0 V beträgt. Mit Hilfe der Potentiometer 3207, 3220 und 3234 den Schwarzpegel an den Kollektoren der Transistoren 7205, 7218 und 7227 auf 125 V einstellen.
Anschließend das Potentiometer Vg2 am Zeilentransformator (siehe Abb. 7.2) einstellen, bis das Strahlerzeugersystem, das zuerst aufleuchtet, gerade erlischt.
Die beiden anderen Strahlenerzeugersysteme mit Hilfe der zugehörigen Regler (3207, 3220 oder 3234) auf die gleiche Weise so einstellen, daß kein Licht mehr sichtbar ist.

2.2 Einstellung der Graustufung
Ein Testbildsignal einspeisen und das Gerät normal einstellen.
Das Gerät ca. 10 Minuten aufwärmen lassen.
Mit Hilfe der Regler 3213 und 3214 die gewünschte Graustufung einstellen.

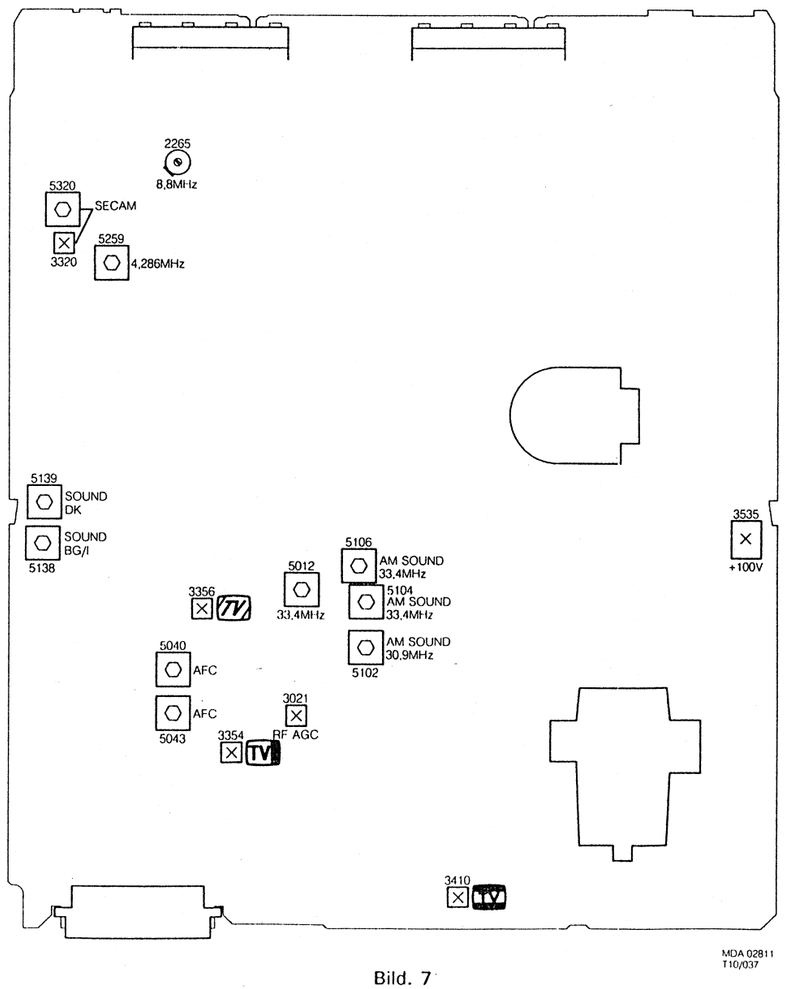


Bild. 7

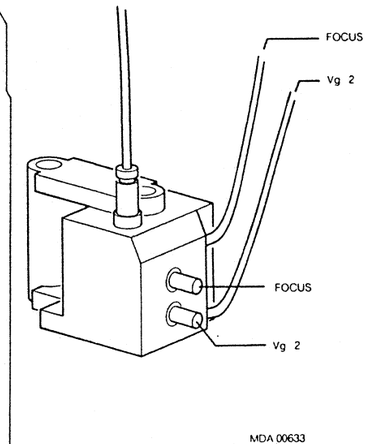


Bild. 8

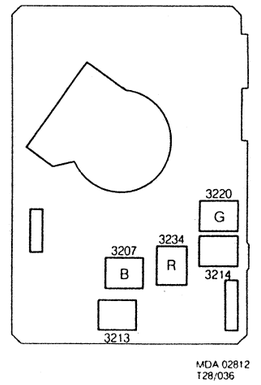


Bild. 9

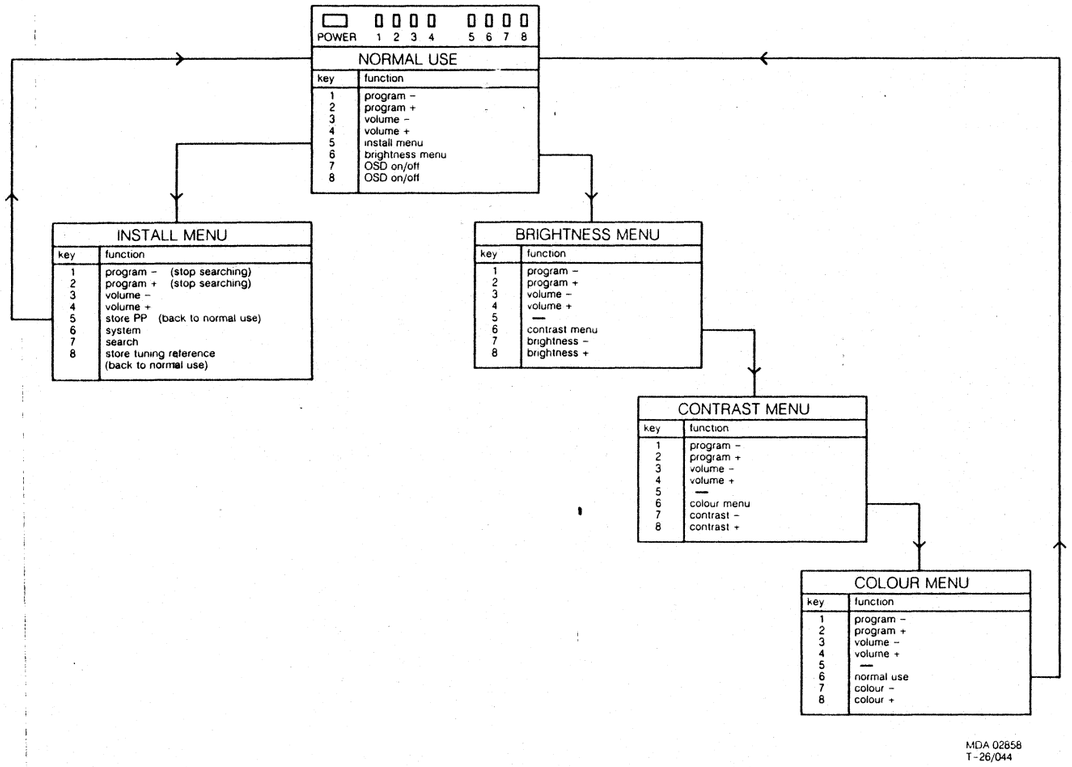
Fehlermeldungen-Übersicht

FEHLERMELDUNG	FEHLERBESCHREIBUNG	MÖGLICHERWEISE DEFEKTES BAUELEMENT
Blinkende LED	Interner μC fehler	IC7600
F2 + Blinkende LED	EEPROM fehler	IC7685

Operating instructions

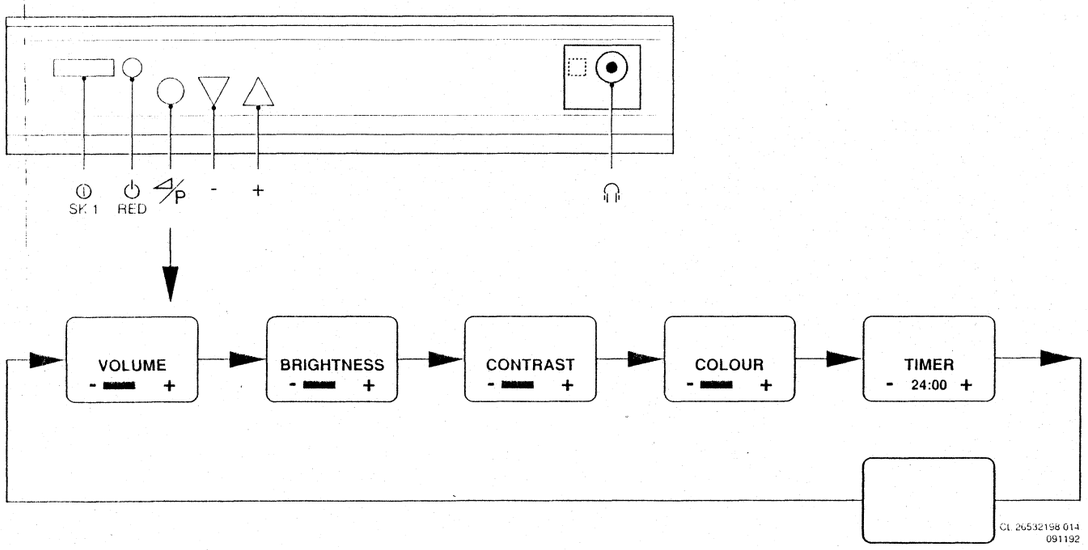
1. Local keyboard operation

8 local controls version:



MDA 02858
T-26/044

3 local controls version:



CL 26532198 014
091192

NORMAL PICTURE

Note: for the 3 local controls version, the installation has to be done via remote control.

2. Connections via the EURO/CINCH connector

2.1 CVBS sources
If a CVBS source (e.g. a video recorder) is connected to the EURO connector, this source should generate a CVBS status signal at pin 8 of the EURO connector, or otherwise the the TV set should be switched to program number 0.

2.2 RGB sources
If an RGB source (e.g. a laser disc player) is connected to the EURO connector, this source should generate both a CVBS status signal at pin 8 and an RGB signal at pin 16 of the EURO connector.

Monocarrie

▲	4822 276 1
▲	4822 256 3
▲	4822 255 4
	4822 256 9
	4822 265 2
	4822 267 3
▲	4822 267 6
▲	4822 265 3
▲	4822 265 4
	4822 267 4
	4822 264 4
	4822 265 4
	4822 276 1
	4822 276 4
	4822 277 2
	4822 492 7

Various

1001	4822 210 1
1001	4822 210 1
1001	4822 210 1
1015	4822 242 7
1015	4822 242 8
1015	4822 242 8
1015	4822 242 8
1032	4822 242 7
1033	4822 153 3
1033	4822 242 7
1135	4822 242 7
1135	4822 242 7
1136	4822 242 7
1136	4822 242 7
1272	4822 242 7
1500 ▲	4822 070 3
1540 ▲	4822 071 5
1679	4822 242 7
1685	4822 218 2

⊣⊢

2001	4822 124 4
2005	4822 121 5
2006	4822 126 1
2007	4822 124 4
2008	4822 122 3
2009	4822 122 3
2010	4822 122 3
2011	4822 122 3
2013	4822 122 3
2014	4822 122 3
2015 ▲	4822 124 4
2015	4822 124 4
2016	4822 122 3
2017	4822 124 4
2017	4822 124 4
2019	4822 122 3
2022	4822 122 3
2025	4822 124 4
2025	4822 124 4
2026	4822 126 1
2027	4822 126 1
2030	4822 126 1
2031	4822 121 5
2031	5322 121 4
2038	4822 126 1
2041	4822 122 3
2043	4822 122 3
2044	4822 122 3
2101	4822 122 3
2102	4822 122 3

2. Connections via the EURO/CINCH connector

2.1 CVBS sources

If a CVBS source (e.g. a video recorder) is connected to the EURO connector, this source should generate a CVBS status signal at pin 8 of the EURO connector, or otherwise the the TV set should be switched to program number 0.

2.2 RGB sources

If an RGB source (e.g. a laser disc player) is connected to the EURO connector, this source should generate both a CVBS status signal at pin 8 and an RGB signal at pin 16 of the EURO connector.

Spare parts lists / Stückliste / Liste des pièces

Monocarrier

⚠	4822 276 12597	MAIN SWITCH
⚠	4822 256 30274	FUSE HOLDER
⚠	4822 255 40955	LED HOLDER
	4822 256 91918	BI-LED
	4822 265 20626	PHONO 2-FOLD
	4822 267 31292	JACK 3.5mm
⚠	4822 267 60243	EURO CONN.
⚠	4822 265 30389	2P FOR M1
⚠	4822 265 40596	2P FOR M2
	4822 267 40666	3P FOR M3
	4822 264 40207	3P FOR M4
	4822 265 40421	6P FOR M5
	4822 276 13307	SWITCH
	4822 276 40414	SWITCH 0024
	4822 277 21438	SWITCH 0025
	4822 492 70559	SPRING 7445

Various

1001	4822 210 10405	UV917E/IEC
1001	4822 210 10448	UV915E
1001	4822 210 10464	U943C/IEC
1015	4822 242 72197	OFWK2950M
1015	4822 242 81388	OFWG1961M
1015	4822 242 81402	OFWG3950M
1015	4822 242 81403	OFWJ1951M
1032	4822 242 72211	TPS5,5MW
1033	4822 153 30025	6MHz
1033	4822 242 71375	TPS6,5MB
1135	4822 242 70714	SFT5,5MA
1135	4822 242 71841	SFT6,0MA
1136	4822 242 71713	SFE6,0MBF
1136	4822 242 72057	SFE6,5MBF
1272	4822 242 70304	8,867 MHz
1500 ⚠	4822 070 32002	FUSE 2A
1540 ⚠	4822 071 56301	FUSE 630MA
1679	4822 242 70831	CSA4,00MHz
1685	4822 218 20981	LTM8848A-1

⊣⊢

2001	4822 124 40198	470µF 20% 16V
2005	4822 121 51252	470nF 5% 63V
2006	4822 126 11544	22000pF 63V
2007	4822 124 40242	1µF 20% 63V
2008	4822 122 32506	5.6pF 5% 50V
2009	4822 122 31965	220pF 2% 63V
2010	4822 122 31769	18pF 2% 63V
2011	4822 122 31769	18pF 2% 63V
2013	4822 122 31769	18pF 2% 63V
2014	4822 122 31784	4,7nF 10% 50V
2015 ⚠	4822 124 40199	680µF 20% 16V
2015	4822 124 40201	1000µF 20% 16V
2016	4822 122 33496	100nF 10% 63V
2017	4822 124 41643	100µF 20% 16V
2017	4822 124 42058	33µF 20% 50V
2019	4822 122 32891	68nF 10% 63V
2022	4822 122 32862	10nF 80% 50V
2025	4822 124 40435	10µF 20% 50V
2025	4822 124 41578	6,8µF 20% 50V
2026	4822 126 11544	22000pF 63V
2027	4822 126 11544	22000pF 63V
2030	4822 126 11544	22000pF 63V
2031	4822 121 51252	470nF 5% 63V
2031	5322 121 42661	330nF 5% 63V
2038	4822 126 11544	22000pF 63V
2041	4822 122 31784	4,7nF 10% 50V
2043	4822 122 31784	4,7nF 10% 50V
2044	4822 122 31784	4,7nF 10% 50V
2101	4822 122 32507	6,8pF 5% 50V
2102	4822 122 32082	4,7pF 5% 50V
2104	5322 126 10328	1500pF 2% 63V
2110	4822 122 31972	39pF 2% 63V
2115	4822 126 11206	430pF 5% 50V
2117	4822 122 31784	4,7nF 10% 50V
2118	4822 122 32765	820pF 2% 63V
2120	4822 126 11206	430pF 5% 50V
2124	4822 124 40435	10µF 20% 50V
2125	4822 126 11544	22000pF 63V
2126	4822 124 41577	4,7µF 20% 50V
2127	4822 124 41576	2,2µF 20% 50V
2128	4822 124 40435	10µF 20% 50V
2135	4822 124 40435	10µF 20% 50V
2136	4822 121 41587	22nF 5% 250V
2137	4822 124 40193	68µF 20% 16V
2138	4822 121 43066	1nF 1% 400V
2138	4822 121 51231	820pF 1% 400V
2139	4822 121 51231	820pF 1% 400V
2140	4822 126 11544	22000pF 63V
2142	4822 126 11544	22000pF 63V
2143	4822 126 11544	22000pF 63V
2144	4822 122 31807	1200pF 2% 63V
2145	4822 126 11544	22000pF 63V
2146	4822 126 11544	22000pF 63V
2147	4822 121 43526	47nF 5% 100V
2148	4822 122 32856	8.2nF 10% 63V
2149	4822 121 43526	47nF 5% 100V
2150	4822 124 40435	10µF 20% 50V
2152	4822 124 40242	1µF 20% 63V
2153	5322 122 31647	1nF 10% 63V
2154	4822 122 31784	4,7nF 10% 50V
2155	5322 121 42661	330nF 5% 63V
2157 ⚠	4822 124 41525	100µF 20% 25V
2158	4822 122 33496	100nF 10% 63V
2160 ⚠	4822 124 41525	100µF 20% 25V
2161 ⚠	4822 124 41525	100µF 20% 25V
2162	4822 122 30043	10nF 80% 63V
2163	4822 122 31965	220pF 2% 63V
2164	4822 122 32862	10nF 80% 50V
2169	4822 122 31972	39pF 2% 63V
2170	4822 122 32862	10nF 80% 50V
2171	4822 122 31784	4,7nF 10% 50V
2172	4822 122 33496	100nF 10% 63V
2174	4822 122 31768	180pF 2% 63V
2175	5322 126 10328	1500pF 2% 63V
2176	4822 122 32862	10nF 80% 50V
2254	4822 122 32862	10nF 80% 50V
2255	4822 122 33496	100nF 10% 63V
2256	4822 122 31825	27pF 2% 63V
2257	4822 122 31766	120pF 2% 63V
2258	4822 122 31775	680pF 2% 63V
2259	4822 122 31766	120pF 2% 63V
2260	4822 122 31768	180pF 2% 63V
2262	4822 122 32862	10nF 80% 50V
2263	4822 124 40242	1µF 20% 63V
2264	4822 122 32862	10nF 80% 50V
2265	4822 125 50045	20pF
2266	4822 122 32862	10nF 80% 50V
2267	4822 122 33496	100nF 10% 63V
2267	4822 122 33812	120nF 10% 50V
2268	4822 126 11544	22000pF 63V
2268	5322 122 31641	47nF 50V
2269	4822 126 11544	22000pF 63V
2270 ⚠	4822 124 41525	100µF 20% 25V
2271	4822 126 11544	22000pF 63V
2272	5322 122 31647	1nF 10% 63V
2273	5322 122 31647	1nF 10% 63V
2274	4822 122 32862	10nF 80% 50V
2275	5322 122 31641	47nF 50V
2277	4822 124 40849	330µF 20% 16V
2279	4822 122 32862	10nF 80% 50V
2280	4822 122 32862	10nF 80% 50V
2281	4822 126 11544	22000pF 63V
2282	4822 126 11544	22000pF 63V
2283	4822 126 11544	22000pF 63V
2288	4822 126 11544	22000pF 63V
2289	4822 126 11544	22000pF 63V
2290	4822 126 11544	22000pF 63V
2291	4822 122 32862	10nF 80% 50V
2292	4822 122 32862	10nF 80% 50V
2293	4822 122 32862	10nF 80% 50V
2294	4822 126 11544	22000pF 63V
2295	4822 122 31765	100pF 2% 63V
2296	4822 124 40432	1500µF 20% 25V
2300	4822 122 31765	100pF 2% 63V
2301	4822 122 31965	220pF 2% 63V
2302	4822 122 31965	220pF 2% 63V
2303	4822 122 32862	10nF 80% 50V
2304	4822 122 32862	10nF 80% 50V
2305	4822 122 31825	27pF 2% 63V
2306	4822 122 31825	27pF 2% 63V
2307	4822 122 31766	120pF 2% 63V
2309	4822 126 11544	22000pF 63V
2310	4822 122 33496	100nF 10% 63V
2321	4822 122 31825	27pF 2% 63V
2350	4822 122 32891	68nF 10% 63V
2351	4822 124 40435	10µF 20% 50V
2352	4822 122 31767	150pF 2% 63V
2353	4822 121 41854	150nF 5% 63V
2354	5322 121 42661	330nF 5% 63V
2355	4822 121 42937	2.7nF 1% 250V
2356	4822 126 11544	22000pF 63V
2359	5322 122 31842	330pF 2% 63V
2364	4822 121 42408	220nF 5% 63V
2366	4822 122 32597	6,8nF 10% 63V
2367	4822 122 32862	10nF 80% 50V
2368	4822 122 32862	10nF 80% 50V
2370	4822 124 40767	33µF 100 V
2371	4822 126 11544	22000pF 63V
2401	4822 122 31771	390pF 2% 63V
2402	4822 122 32542	47nF 10% 63V
2402	4822 122 33496	100nF 10% 63V
2404	4822 124 40432	1500µF 20% 25V
2404	4822 124 40785	3300µF 20% 25V
2405	4822 124 40435	10µF 20% 50V
2405	5322 124 41431	22µF 20% 35V
2414	4822 122 31644	2,2nF 10% 63V
2415	5322 124 41431	22µF 20% 35V
2416	4822 122 32542	47nF 10% 63V
2417	4822 124 41859	330µF 20% 35V
2440	5322 122 31842	330pF 2% 63V
2442	4822 122 40112	560pF 20% 500V
2443 ⚠	4822 124 40196	220µF 20% 16V
2444	4822 121 43139	180nF 10% 100V
2445 ⚠	4822 122 33467	1,5nF 10%R 2KV
2445	4822 126 11693	680pF 10% 2KV
2446	5322 121 42523	8.2nF 5% 2KV
2447	4822 121 42004	10nF 10% 400V
2448 ⚠	4822 124 80096	47µF 200V
2450	4822 121 42442	560nF 200V
2450 ⚠	4822 121 51612	330nF 5% 250V
2451	5322 124 40641	10µF 20% 100V
2452	4822 124 41677	680µF 20% 25V
2453	4822 124 41859	330µF 20% 35V
2460	4822 121 51385	33nF 20% 100V
2465	4822 122 31839	82pF 2% 63V
2470	4822 124 42312	47µF 20%
2500 ⚠	4822 124 41531	470nF 10% 250V
2502	4822 126 11141	2.2nF 10% 1KV
2504	4822 126 11141	2,2nF 10% 1KV
2505	4822 124 42104	68µF 20% 385V
2506 ⚠	4822 126 11137	3,3nF 20% 400V